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SUBMITTING MANUSCRIPTS

"Information for Authors"—A complete guide to manuscript submission and journal style is available on request and also appears in January and July.

Author Responsibility—Authors are responsible for all statements, conclusions and methods of presenting subjects. Articles are accepted on condition that they are contributed solely to this journal.

Manuscripts—Ordinarily manuscripts should not exceed 3,000 words (less than 15 typed double-spaced pages). The *original* manuscript and two copies should be submitted,

typed double-spaced throughout. If photographic illustrations are desired, three sets of clear, unmounted black and white glossy prints should be supplied. For line drawings, original artwork or glossy prints are acceptable. Tables should be typed on separate sheets of paper.

Clinical Investigation—Papers that authors wish considered for the Clinical Investigation section should be so designated in the transmittal letter.

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Continuing Medical Education

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ARIZONA

The following list of continuing medical education programs in Arizona is compiled by the Arizona Medical Association. All courses listed have been certified as meeting the criteria for Category I of the ArMA CME Certificate and the AMA Physicians Recognition Award. To list Category I continuing medical education programs, please send information to Arizona Medical Association, 810 West Bethany Home Road, Phoenix, AZ 85013; or phone (602) 246-8901.

Brochures and registration forms are available from the contact person or organization sponsoring the program.

October 18-19—**Geriatric Medicine.** Boswell Memorial Hospital, Sun City. Friday-Saturday. Contact: Western Division, American Geriatrics Society, (602) 977-1877.

October 25-26—**Therapeutic Advances: New Choices for Medical Management of Disease.** Poco Diablo Resort, Sedona. Friday-Saturday. Contact: U of A.

November 1-3—**5th Annual Southwestern Poison Symposium.** Loews Ventana Canyon Resort, Tucson. Friday-Sunday. Contact: U of A.

November 2—**Where Has Childhood Gone?** Doubletree at Scottsdale Mall, Scottsdale. Saturday. Contact: U of A.

November 9—**Cardiology.** Phoenix. Saturday. Contact: U of A.

November 15-16—**Arizona Chapter, American College of Surgeons.** Loews Ventana Canyon Resort, Tucson. Friday-Saturday. Contact: U of A.

November 16-17—**Review and Update of Gastrointestinal Pathology.** Scottsdale Hilton, Scottsdale. Saturday-Sunday. Contact: Arizona Society of Pathologists, (602) 246-8901.

November 25-27—**Cemented Versus Uncemented Revision Total Joint Arthroplasty.** Registry Resort, Scottsdale. Monday-Wednesday. Contact: Medical Meetings Department, St. Luke's Medical Center, (602) 251-8402.

December 7—**Psychiatry.** Tucson. Saturday. Contact: U of A.

February 13-15—**Them Ol' Bones.** Scottsdale Hilton Hotel, Scottsdale. Thursday-Saturday. Contact: St. Luke's Medical Center, (602) 251-8402.

February 24-26—**Emergency Care Update VIII.** University of Arizona, Tucson. Monday-Wednesday. Contact: U of A.

February 24-27—**Practical Radiology: MRI, CT, Intervention, Computers and More.** Loews Ventana Canyon Resort, Tucson. Monday-Thursday. Contact: U of A.

February 26-28—**Ninth Annual Mid-Winter Symposium in OB/GYN.** Scottsdale Hilton Hotel, Scottsdale. Wednesday-Friday. Contact: Phoenix OB/GYN Society, (602) 241-1917.

February 26-March 1—**International Ophthalmic Surgery Symposium.** Loews Paradise Valley Resort, Scottsdale. Wednesday-Saturday. Contact: The Eye Foundation, (602) 257-1077.

CALIFORNIA, HAWAII AND NEVADA

This listing of continuing education programs in California, Hawaii and Nevada is supplied by the Committee on Continuing Medical Education of the California Medical Association. All courses and meetings listed have been approved for Category I credit toward the CMA Certificate in Continuing Medical Education. To have accredited courses listed here, please send information at least two months in advance to Department of Continuing Medical Education, California Medical Association, 44 Gough St., San Francisco 94103; or phone (415) 863-5522. For a list of organizations approved for Category I credit toward the CMA Certificate in Continuing Medical Education or for more information on accreditation or certification, please write to the above address.

ALLERGY AND IMMUNOLOGY

October 16-19—**Rheumatology and Clinical Immunology: An Advanced Course.** UCSF at Hotel Meridien, San Francisco. Wednesday-Saturday. 19 hrs. \$225-\$375.

October 25—**Current Treatment of Allergy.** PMC at San Francisco. Friday.

December 26-30—**Allergy, Drugs, and Drug Allergies.** Symposium Maui, Inc. and Hawaii Medical Association at Hawaii. Thursday-Monday. Contact: Joe Harrison, MD, Program Director Symposium Maui, PO Box 10185, Lahaina, Maui, HA. (808) 879-8182.

ANESTHESIOLOGY

October 17-26—**1985 Post ASA Annual Meeting in Hawaii.** California Society of Anesthesiologists at

CONTACT INFORMATION

U of A—Contact: University of Arizona College of Medicine, Arizona Health Sciences Center, Tucson, AZ 95724. (602) 626-6173.

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Hotel Intercontinental, Maui, HI. Thursday-Saturday. 24 hrs. Contact: Linda P. Londerville, CSA, 100 S. Ellsworth, #806, San Mateo, CA 94401. (415) 348-1407.

November 2—**Annual Anesthesiology Symposium.** Southern California Permanente Medical Group at Westin South Coast Plaza Hotel, Costa Mesa. Saturday. Contact: Lilia M. Guerrero, Southern California Kaiser Permanente Medical Care Program, 4747 Sunset Blvd., Los Angeles 90027. (213) 667-4241.

CANCER

October 21-23—**9th Annual Cancer Symposium.** Scripps Memorial Hospital at Sheraton Harbor Island Hotel, San Diego. Monday-Wednesday. 22 hrs. \$350. Contact: Nomi Feldman, 3770 Tansy, San Diego, CA 92121. (619) 453-6222.

October 26—**Second Annual Cancer Conference.** Saint Agnes Medical Center at Fresno. Saturday. 7 hrs. Fee: \$80 Physicians. Contact: Carol Withan, Cancer Program Coordinator, Saint Agnes Medical Center, 1303 E. Herndon Ave., Fresno, CA 93710. (209) 449-3570.

KEY TO ABBREVIATIONS

- CMA: California Medical Association
Contact: Continuing Medical Education, California Medical Association, 44 Gough Street, San Francisco 94103. (415) 863-5522.
- DREW: Charles R. Drew Postgraduate Medical School
Contact: Flora Harlee-Cordett, MS, MPH, Office of Continuing Education, Charles R. Drew Postgraduate Medical School, 1621 East 120th Street, Los Angeles 90059. (213) 603-3183.
- LLU: Loma Linda University
Contact: Varner J. Johns, Jr., MD, Associate Dean for Continuing Medical Education, Loma Linda University School of Medicine, Loma Linda 92354. (714) 796-7311, ext. 2400.
- PMC: Pacific Medical Center
Contact: Continuing Education, Pacific Medical Center, PO Box 7999, San Francisco 94120. (415) 563-4321, ext. 2761.
- STAN: Stanford University
Contact: Edward Rubenstein, MD, Associate Dean for Postgraduate Education, Stanford University School of Medicine, 300 Pasteur Drive, Stanford 94305. (415) 497-5594.
- UCD: University of California, Davis
Contact: Ruth Feryok, Director, Office of Continuing Medical Education, University of California, Davis, School of Medicine, 2701 Stockton Boulevard, Sacramento 95817. (916) 453-5390.
- UCI: University of California, Irvine
Contact: E. R. Jennings, MD, Assistant Dean, University of California, Irvine, California College of Medicine, c/o UCI/CME Program, Memorial Hospital Medical Center, 2801 Atlantic Avenue, Long Beach 90801. (213) 595-3837, or (714) 856-5414, UCI Extension.
- UCLA: University of California, Los Angeles
Contact: Martin D. Shickman, MD, Director, Continuing Education in Medicine and the Health Sciences, PO Box 24902, UCLA, Los Angeles 90024. (213) 825-7241.
- UCSD: University of California, San Diego
Contact: Office of Continuing Medical Education, University of California, San Diego, School of Medicine (M-017), La Jolla 92093. (619) 452-3940.
- UCSF: University of California, San Francisco
Contact: David S. Gullion, MD, Director, Extended Programs in Medical Education, School of Medicine, University of California, San Francisco 94143. (415) 666-4251.
- USC: University of Southern California
Contact: Phil R. Manning, MD, Associate Dean, Postgraduate Division, University of Southern California School of Medicine, 2025 Zonal Avenue, Los Angeles 90033. (213) 224-7051.

November 7-8—**New Directions in Antiviral Chemotherapy.** UCSF at Holiday Inn Golden Gateway, San Francisco. Thursday-Friday.

December 11-13—**Second National Symposium on Cellular Oncology.** Memorial Medical Center of Long Beach at Palm Springs. Wednesday-Friday. 16 hrs. Contact: Assistant Director Center for Health Education, 2801 Atlantic Ave., PO Box 1428, Long Beach, CA 90801-1428.

CARDIOLOGY

October 18-20—**Interventional Cardiology.** The Institute for Medical Studies at Las Vegas. Friday-Sunday. 15 hrs. Fee: \$375. Contact: Kim Stroich, Program Coordinator (714) 495-4499.

October 18-20—**Coronary Artery Disease Hypertension, Cholesterol and Risk Factor Management.** Friday-Sunday. 16 hrs. Fee: \$360 Physician. Contact: Doris Price, Educational Programs Coordinator IMEC, toll free (800) 525-8651.

October 18-20—**New Techniques and Concepts in Coronary Artery Disease Cardiology Conference.** Cedar Sinai Medical Center at Las Vegas. Friday-Sunday. 12 hrs. Contact: Lore Kahane Coordinator, Continuing Medical Education, Room 2049, PO Box 48750, Los Angeles, CA 90048. (213) 855-5547.

October 18—**Hypertension: Current Issues and Directions.** USC at Pasadena. Friday. Fee: \$45. Contact: The Central Area Health Education Center. (213) 748-6152.

October 19—**Stress Emotions and the Cardiovascular System.** Cedars Sinai Medical Center at Los Angeles. Saturday. 6 hrs. Contact: Lore Kahane Coordinator, Continuing Medical Education, Cedars Sinai Medical Center Room 2049, PO Box 48750, Los Angeles, CA 90048.

October 20-27—**Cardiology for the Practitioner.** UCSF at The Ahwahnee Hotel, Yosemite. One Week. Contact: Sharon Balestra Program Representative (209) 225-6100, ext. 562.

October 24-25—**Coronary Angioplasty.** UCI at Orange. Thursday-Friday. 15 hrs. Contact: UCI CME Program Memorial Hospital Medical Center, 2801 Atlantic Ave., Box 1428, Long Beach, CA 90801. (213) 595-3837.

October 25-27—**International Symposium in the Aortic Root.** Scripps Clinic and Research Foundation at Hotel Del Coronado, San Diego. Friday-Sunday. 23 hrs. \$350. Contact: Nomi Feldman, 3770 Tansy, San Diego, CA 92121. (619) 453-6222.

October 25-27—**Series I Coronary Heart Disease and Arrhythmias: Diagnosis and Management.** Medical Education Resources at Las Vegas. Friday-

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Sunday. Contact: Leslie Shaffer, Educational Coordinator, Medical Education Resources, 5808 S. Rapp St., Ste 202, Littleton, CO 80120. 1 (800) 421-2323 or (303) 798-9682.

November 1-3—**Current Approaches to Vascular Disease.** UCSD at San Diego. Friday-Sunday. Fee: \$175. Contact: Mary J. Ryals, PO Box 610203, DFW Airport, TX 75261-0203. (214) 659-9590.

December 2-6—**Chest Radiology Update and Review.** UC at San Diego. Monday-Friday. Contact: Mary J. Ryals, Ryals and Associates, PO Box 610203, DFW Airport, TX 75261-0203. (214) 659-9590.

December 4-7—**Second Annual Seminar and Workshop in Doppler Echocardiography.** UCI at San Francisco. Wednesday-Saturday. 24 hrs. Contact: Kim Stroich, The Institute for Medical Studies, 30131 Town Center Dr., Ste 215, Laguna Niguel, CA 92677. (714) 495-4499.

December 9-10—**Antwerp-La Jolla Research Conference on Cardiac Function: Inotropic Mechanisms and Heart Failure.** UCSD. Monday-Tuesday. 13 hrs. Contact: Karen Delaney, 3960 Park Blvd., Ste F, San Diego, CA 92103 or (619) 692-9115; or PO Box 33185, San Diego, CA 92103.

December 13-15—**Advances in Heart Disease.** American College of Cardiology at San Francisco. Friday-Sunday. Contact: ACC, 9111 Old Georgetown Rd., Bethesda, MD 20814.

EMERGENCY MEDICINE

October 16-20—**Traumatic Head Injury.** UCD at Red Lion Motor Inn, Sacramento. Wednesday-Sunday.

October 28-November 1—**Postgraduate Institute for Emergency Physicians: Symposium III.** UCSD at San Diego. Monday-Friday. 13-33 hrs. \$215-\$440.

October 30—**Postgraduate Institute for Emergency Physicians: Advanced Procedures Laboratory.** UCSD at San Diego. Wednesday. 3 hrs. \$250.

December 1-6—**Current Concepts in Emergency Care.** Institute for Emergency Medical Education and Washington Chapter of ACEP at Hawaii. Sunday-Friday. 25 hrs. Contact: Group Travel Dept. Kailani World Travel, 4192 Meridian Ave., Bellingham, WA 98227-9951. (800) 426-2561 or WA State (800) 562-2597.

INTERNAL MEDICINE

October 12-19—**Gastroenterology: A Review.** International Conferences at Hawaii. One week. 20 hrs.

Contact: International Conferences, 189 Lodge Ave., Huntington Station, NY 11746. (516) 549-0869.

October 16-19—**Rheumatology and Clinical Immunology: An Advanced Course.** UCSF at San Francisco, Wednesday-Sunday. 19 hrs. Fee: \$225-\$375.

October 17-19—**International Symposium on Medical Virology.** UCI at Disneyland Hotel, Anaheim. Thursday-Saturday.

October 17-20—**Practical Advances in Internal Medicine.** UCD at Napa Valley Holiday Inn. Thursday-Sunday.

October 18-20—**Practice Gastroenterology and Flexible Sigmoidoscopy for the Practicing Physician.** Continuing Medical Education Associates at Vacation Village, San Diego. Friday-Sunday. 20 hrs. \$295. Contact: J. Shiller, CMEA, PO Box 84296, San Diego, CA 92138. (619) 223-2997.

October 28-29—**Gynecological Histopathology.** Memorial Medical Center and UC Irvine, at Newport Beach Sheraton. Monday-Tuesday. 19 hrs. Contact: Sharon Richard, Program Coordinator Continuing Medical Education, Memorial Medical Center, Irvine.

November 4-6—**Internal Medicine.** UCSF at Yosemite. Monday-Wednesday.

November 6—**The Regulation of Glucose and Lipid Metabolism in Diabetes Mellitus: The Role of Nutrition.** American Diabetes Association Northern CA, Affiliate at Palo Alto. Wednesday. 7hrs. Fee: \$55. Contact: American Diabetes Association, 1730 S. Amphlett Blvd., Room #216, San Mateo, CA 94402.

November 9—**Endocrinology.** UCSF at Fresno. Saturday. Contact: Sharon Balestra, Program Representative. Extended Programs in Medical Education. (209) 225-6100, ext. 562.

November 9-11—**Realistic Endocrinology in Primary Care.** Merritt-Peralta Health Education Center at Oakland. Saturday-Monday. Contact: Merritt-Peralta Health Education, 400 Hawthorne Ave., Oakland 94609. (415) 420-6161.

OB/GYN

October 28-November 2—**Review Course in Obstetrics and Gynecology and/or Gynecologic Histopathology.** Memorial Medical Center at Sheraton, Newport. Monday-Saturday. 42-46 hrs. Contact: Margaret Frederick, Center for Health Education, PO Box 1428, Long Beach, CA 90801-1428. (213) 595-3811.

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XANAX® Tablets
(alprazolam) ©

CONTRAINDICATIONS

Patients with sensitivity to this drug or other benzodiazepines and in acute narrow angle glaucoma.

WARNINGS

Not of value in psychotic patients. Caution patients against hazardous occupations requiring complete mental alertness and about the simultaneous ingestion of alcohol and other CNS depressant drugs.

Benzodiazepines can cause fetal harm in pregnant women. Warn patients of the potential hazard to the fetus. Avoid during the first trimester.

PRECAUTIONS

General: The dosage of XANAX Tablets should be reduced or withdrawn gradually, since withdrawal seizures have been reported upon abrupt withdrawal. If XANAX is combined with other psychotropics or anticonvulsant drugs, consider drug potentiation. (See Drug Interaction section.) Exercise the usual precautions regarding size of the prescription for depressed or suicidal patients. In elderly and debilitated patients, use the lowest possible dosage. (See Dosage and Administration.) Observe the usual precautions in treating patients with impaired renal or hepatic function.

Information for Patients: Alert patients about: (a) consumption of alcohol and drugs, (b) possible fetal abnormalities, (c) operating machinery or driving, (d) not increasing dose of the drug due to risk of dependence, (e) not stopping the drug abruptly. **Laboratory Tests:** Not ordinarily required in otherwise healthy patients. **Drug Interactions:** Additive CNS depressant effects with other psychotropics, anticonvulsants, antihistamines, ethanol and other CNS depressants. Pharmacokinetic interactions with benzodiazepines have been reported. **Drug/Laboratory Test Interactions:** No consistent pattern for a specific drug or specific test. **Carcinogenesis, Mutagenesis, Impairment of Fertility:** No carcinogenic potential or impairment of fertility in rats. **Pregnancy:** See Warnings. **Nonteratogenic Effects:** The child born of a mother on benzodiazepines may be at some risk for withdrawal symptoms and neonatal flaccidity. **Labor and Delivery:** No established use. **Nursing Mothers:** Benzodiazepines are excreted in human milk. Women on XANAX should not nurse. **Pediatric Use:** Safety and effectiveness in children below the age of 18 have not been established.

ADVERSE REACTIONS

Side effects are generally observed at the beginning of therapy and usually disappear with continued medication. In the usual patient, the most frequent side effects are likely to be an extension of the pharmacological activity of XANAX, e.g., drowsiness or lightheadedness.

Central nervous system: Drowsiness, lightheadedness, depression, headache, confusion, insomnia, nervousness, syncope, dizziness, akathisia, and tiredness/sleepiness.

Gastrointestinal: Dry mouth, constipation, diarrhea, nausea/vomiting, and increased salivation.

Cardiovascular: Tachycardia/palpitations, and hypotension.

Sensory: Blurred vision.

Musculoskeletal: Rigidity and tremor.

Cutaneous: Dermatitis/allergy.

Other side effects: Nasal congestion, weight gain, and weight loss.

In addition, the following adverse events have been reported with the use of anxiolytic benzodiazepines: dystonia, irritability, concentration difficulties, anorexia, loss of coordination, fatigue, sedation, slurred speech, jaundice, musculoskeletal weakness, pruritus, diplopia, dysarthria, changes in libido, menstrual irregularities, incontinence and urinary retention.

Paradoxical reactions such as stimulation, agitation, increased muscle spasticity, sleep disturbances, and hallucinations may occur. Should these occur discontinue the drug.

During prolonged treatment, periodic blood counts, urinalysis, and blood chemistry analysis are advisable. Minor EEG changes, of unknown significance, have been observed.

DRUG ABUSE AND DEPENDENCE

Physical and Psychological Dependence: Withdrawal symptoms have occurred following abrupt discontinuance of benzodiazepines. Withdrawal seizures have occurred upon rapid decrease or abrupt discontinuation of therapy. In all patients, dosage should be gradually tapered under close supervision. Patients with a history of seizures or epilepsy should not be abruptly withdrawn from XANAX. Addiction-prone individuals should be under careful surveillance. **Controlled Substance Class:** XANAX is a controlled substance and has been assigned to schedule IV.

DOSAGE AND ADMINISTRATION

The usual starting dose is 0.25 to 0.5 mg, t.i.d. Maximum total daily dose is 4 mg. In the elderly or debilitated, the usual starting dose is 0.25 mg, two or three times daily. Reduce dosage gradually when terminating therapy, by no more than one milligram every three days.

CAUTION: FEDERAL LAW PROHIBITS DISPENSING WITHOUT PRESCRIPTION.

B-3-S

*Cohn JB: Multicenter double-blind efficacy and safety study comparing alprazolam, diazepam and placebo in clinically anxious patients. *J Clin Psychiatry* 42 (9):347-351, 1981.

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CONTINUING MEDICAL EDUCATION

(Continued from Page 446)

October 30-November 2—8th Annual Review Course in Clinical Obstetrics and Gynecology. Memorial Medical Center at Irvine. Wednesday-Saturday. 7 hrs. Contact: Sharon Richard, Program Coordinator, Continuing Medical Education, Memorial Medical Center UC, Irvine.

November 11-15—15th Annual Review of Obstetrics and Gynecology. USC at Hilton Hotel, Pasadena. Monday-Friday. Fee: \$500. Contact: USC.

November 16—Review Course for Gynecologic Pathology. USC at Hilton Hotel, Pasadena. Saturday. Fee: \$90. Contact: USC.

December 5-8—Current Issues in Perinatal Medicine. Memorial Medical Center at Rancho Mirage. Thursday-Sunday. 14 hrs. Contact: Margaret Frederick, Asst. Dir. Center for Health Education, 2801 Atlantic Ave., PO Box 1428, Long Beach, CA 90801-1428.

OPHTHALMOLOGY

November 8-10—The Changing Eyecare Marketplace. California Association of Ophthalmology at Palm Springs. Friday-Sunday. Contact: Barbara Lamparter, Jaech Meetings Coordinator, California Association of Ophthalmology, 2655 Van Ness Ave., #303, San Francisco, CA 94109. (415) 775-5259.

PEDIATRICS

October 25-27—Current Advances in Pediatrics. UC at Irvine at Disneyland Hotel, Anaheim. Friday-Sunday. 13.5 hrs. Contact: Sharon Richard, Program Coordinator, Continuing Medical Education, Memorial Medical Center, UC Irvine.

October 25-27—Child Abuse. Institute for the Advancement of Human Behavior at Anaheim. Friday-Sunday. Fee: \$145-\$225. Contact: IAHB, 4370 Alpine Rd., Ste. 205, Portola Valley, CA 94025. (415) 851-8411.

October 26-November 2—10th Annual Pediatrics for the Practitioner. Memorial Medical Center at Mauna Kea Beach Hotel, HI. One week. 20 hrs. Contact: Margaret Frederick, Center for Health Education, PO Box 1428, Long Beach, CA 90801-1428. (213) 595-3811.

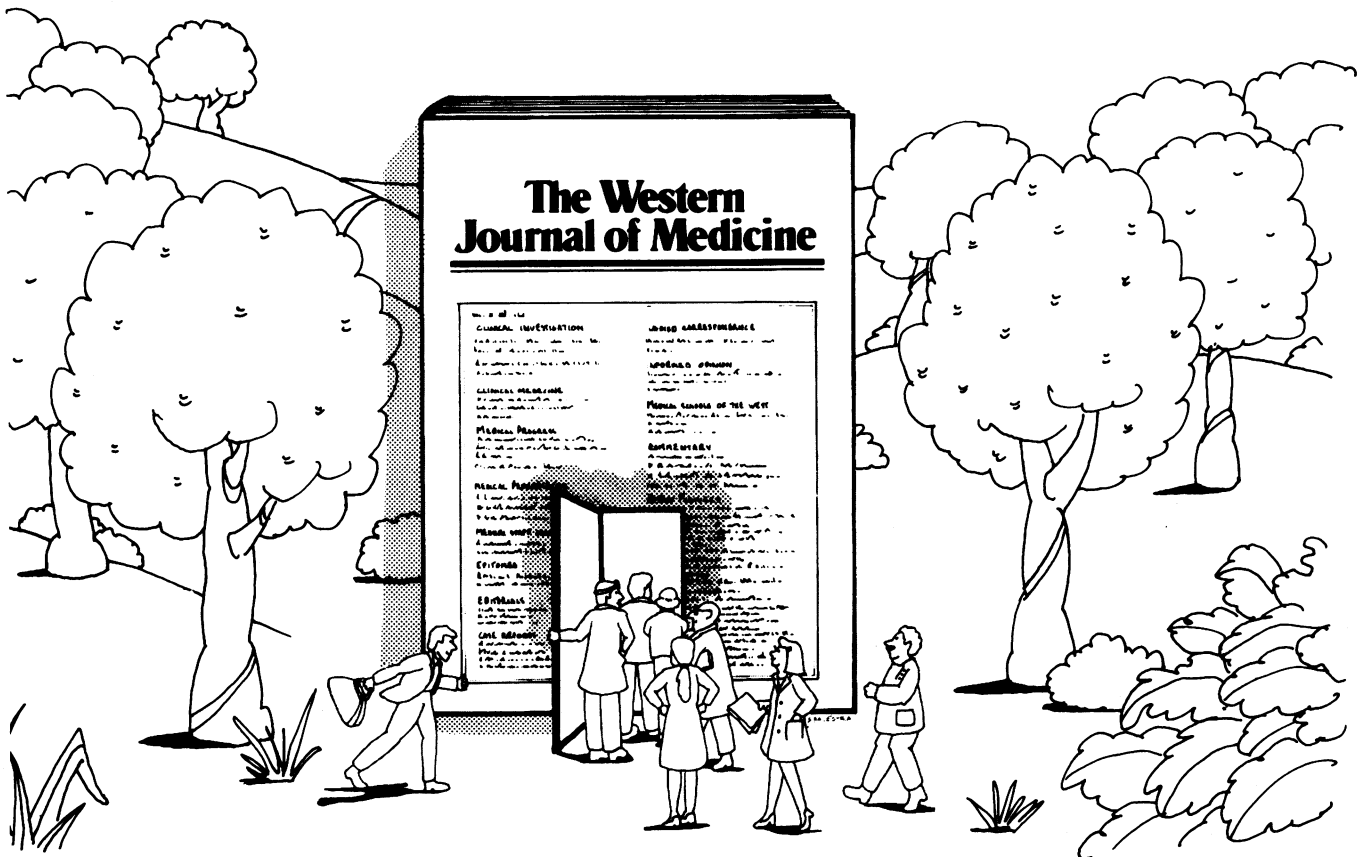
November 8-9—Epilepsy in Childhood: Current Concepts. UCSF at The Stanford Court, San Francisco. Friday-Saturday. Fee: \$150.

November 8-9—Child Care: The Health Providers Role. Childrens Hospital, Oakland at Doubletree Inn, Monterey. Friday-Saturday.

November 8-11—7th Annual Las Vegas Seminars/Pediatric Update. American Academy of Pediatrics

(Continued on Page 457)

Inside Information



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CONTINUING MEDICAL EDUCATION

(Continued from Page 450)

at Inglewood. Friday-Monday. Fee: \$250. Contact: American Academy of Pediatrics, Chapter 2, PO Box 2134, Inglewood 90305.

November 22-25—**Clinical Pediatrics.** American Academy of Pediatrics at Las Vegas. Friday-Monday. Contact: Eve Black, Exec. Sec., PO Box 2134, Inglewood 90305. (213) 757-1198.

PSYCHIATRY

October 18-20—**Mind of a Murder.** Southern California Psychiatric Society at Hotel Del Coronado, San Diego. Friday-Sunday. 9 hrs. \$95. Contact: Sharon Karp, 2001 S. Barrington Ave., #214, Los Angeles, CA 90025. (213) 477-1041.

October 25-27—**9th American Imagry Conference.** International Imagry Association at Ambassador Hotel, Los Angeles. Friday-Sunday. Fee: \$120, \$140 after October 18. Contact: International Imagry Association, PO Box 1046, Bronx, New York 10471 (Judy Marks).

November 2—**Structural Family Therapy Beyond the Basics.** Mental Research Institute at Palo Alto. Saturday. 6 hrs. Fee: \$75. Contact: Training Programs Mental Research Institute, 555 Middlefield Rd., Palo Alto 94301. (415) 321-3055.

November 4-8—**Couple and Family Therapy Conflict and Change.** Mental Research Institute at Palo Alto. Monday-Friday. 15 hrs. Fee: \$180. Contact: Training Programs Mental Research Institute, 555 Middlefield Rd., Palo Alto 94301. (415) 321-3055.

November 9—**Structural and Strategic Family Therapies: A Dialogue.** Mental Research Institute at Palo Alto. Saturday. 6 hrs. Fee: \$75. Contact: Training Programs Mental Research Institute, 555 Middlefield Rd., Palo Alto 94301. 321-3055.

November 22-24—**Guided Imagery for Clinicians.** Institute for the Advancement of Human Behavior at Honolulu, Hawaii. Friday-Sunday. Fee: \$245-\$350. Contact: IAHB, 4370 Alpine Rd., Ste. 205, Portola Valley 94025. (415) 851-8411.

RADIOLOGY

October 19-20—**Head and Neck Radiology: Advanced Techniques in Diagnostic Imaging.** UCSF at Hyatt Regency, San Francisco. Saturday-Sunday. 12 hrs. \$175-\$275.

October 19-20—**Magnetic Resonance Imaging for Technologists.** UCSF at Hyatt Regency, San Francisco. Saturday-Sunday.

October 21-25—**Clinical Magnetic Resonance Imaging.** UCSF at Hyatt Regency, San Francisco. Monday-Friday. 31 hrs. \$375-\$475.

(Continued on Page 460)

3rd Annual Critical Care Symposium

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Parkland Memorial Hospital
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Ronald C. Jones, MD
Professor, Department of Surgery
The University of Texas
Southwestern Medical School
at Dallas

John M. Luce, MD
Assistant Professor of Medicine
and Anesthesia
University of California, School
of Medicine
San Francisco, California

Lawrence Marshall, MD
Professor and Chief
Neurosurgical Services
University of California,
School of Medicine
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Ian G. Walker, MD
Former Assistant
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Plastic Surgery
University of Texas,
Medical Branch
Galveston, Texas
Director, Burn Unit,
Penrose Hospital

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Indications and Usage: Treatment of signs and symptoms of rheumatoid arthritis and osteoarthritis. Relief of mild to moderate pain and primary dysmenorrhea. Safety and efficacy in children are not established.

Contraindications: Anaphylactoid reactions have occurred in individuals hypersensitive to MOTRIN or with the syndrome of nasal polyps, angioedema and bronchospastic reactivity to aspirin or other nonsteroidal anti-inflammatory agents.

Warnings: Peptic ulceration and GI bleeding, sometimes severe, have been reported. Ulceration, perforation and bleeding may end fatally. An association has not been established. Use MOTRIN under close supervision in patients with a history of upper gastrointestinal tract disease, after consulting ADVERSE REACTIONS. In patients with active peptic ulcer and active rheumatoid arthritis, try nonulcerogenic drugs, such as gold. If MOTRIN is used, observe the patient closely for signs of ulcer perforation or GI bleeding.

Chronic studies in rats and monkeys have shown mild renal toxicity with papillary edema and necrosis. Renal papillary necrosis has rarely been shown in humans treated with MOTRIN.

Precautions: Blurred and/or diminished vision, scotomata, and/or changes in color vision have been reported. If these develop, discontinue MOTRIN and the patient should have an ophthalmologic examination, including central visual fields and color vision testing.

Fluid retention and edema have been associated with MOTRIN; use with caution in patients with a history of cardiac decompensation or hypertension. In patients with renal impairment, reduced dosage may be necessary. Prospective studies of MOTRIN safety in patients with chronic renal failure have not been done.

MOTRIN can inhibit platelet aggregation and prolong bleeding time. Use with caution in persons with intrinsic coagulation defects and on anticoagulant therapy.

Patients should report signs or symptoms of **gastrointestinal ulceration** or bleeding, blurred vision, skin rash, weight gain, or edema. Patients on prolonged **corticosteroid therapy** should have therapy tapered slowly when MOTRIN is added.

The antipyretic, anti-inflammatory activity of MOTRIN may mask inflammation and fever.

As with other nonsteroidal anti-inflammatory drugs, borderline elevations of liver tests may occur in up to 15% of patients. These abnormalities may progress, may remain essentially unchanged, or may be transient with continued therapy. Meaningful elevations of SGPT or SGOT (AST) occurred in controlled clinical trials in less than 1% of patients. Severe hepatic reactions, including jaundice and cases of fatal hepatitis, have been reported with ibuprofen as with other nonsteroidal anti-inflammatory drugs. If liver disease develops or if systemic manifestations occur (eg, eosinophilia, rash, etc.), MOTRIN should be discontinued.

In cross-study comparisons with 1200 mg to 3200 mg daily for several weeks, a slight dose-response decrease in hemoglobin/hematocrit was noted. The total decrease in hemoglobin usually does not exceed 1 gram.

Drug interactions—Aspirin: used concomitantly may decrease MOTRIN blood levels.

Coumarin: bleeding has been reported in patients taking MOTRIN and coumarin.

Pregnancy and nursing mothers: MOTRIN should not be taken during pregnancy or by nursing mothers.

Adverse Reactions: The most frequent type of adverse reaction occurring with MOTRIN is gastrointestinal, of which one or more occurred in 4% to 16% of the patients. Reported side effects were higher at 3200 than at 2400 mg/day or less.

Incidence Greater Than 1% (but less than 3%)—Probable Causal Relationship

Gastrointestinal: Nausea,* epigastric pain,* heartburn,* diarrhea, abdominal distress, nausea and vomiting, indigestion, constipation, abdominal cramps or pain, fullness of GI tract (bloating and flatulence); **Central Nervous System:** Dizziness,* headache, nervousness; **Dermatologic:** Rash* (including maculopapular type), pruritus; **Special Senses:** Tinnitus; **Metabolic/Endocrine:** Decreased appetite; **Cardiovascular:** Edema, fluid retention (generally responds promptly to drug discontinuation; see PRECAUTIONS).

Incidence Less Than 1%—Probable Causal Relationship**

Gastrointestinal: Gastric or duodenal ulcer with bleeding and/or perforation, gastrointestinal hemorrhage, melena, gastritis, hepatitis, jaundice, abnormal liver function tests; **Central Nervous System:** Depression, insomnia, confusion, emotional lability, somnolence, aseptic meningitis with fever and coma; **Dermatologic:** Vesiculobullous eruptions, urticaria, erythema multiforme, Stevens-Johnson syndrome, alopecia; **Special Senses:** Hearing loss, amblyopia (blurred and/or diminished vision, scotomata, and/or changes in color vision) (see PRECAUTIONS); **Hematologic:** Neutropenia, agranulocytosis, aplastic anemia, hemolytic anemia (sometimes Coombs positive), thrombocytopenia with or without purpura, eosinophilia, decreases in hemoglobin and hematocrit (see PRECAUTIONS); **Cardiovascular:** Congestive heart failure in patients with marginal cardiac function, elevated blood pressure, palpitations; **Allergic:** Syndrome of abdominal pain, fever, chills, nausea and vomiting; anaphylaxis; bronchospasm (see CONTRAINDICATIONS); **Renal:** Acute renal failure in patients with pre-existing significantly impaired renal function, decreased creatinine clearance, polyuria, azotemia, cystitis, hematuria; **Miscellaneous:** Dry eyes and mouth, gingival ulcer, rhinitis.

Incidence Less Than 1%—Causal Relationship Unknown**

Gastrointestinal: Pancreatitis; **Central Nervous System:** Paresthesias, hallucinations, dream abnormalities, pseudotumor cerebri; **Dermatologic:** Toxic epidermal necrolysis, photoallergic skin reactions; **Special Senses:** Conjunctivitis, diplopia, optic neuritis, cataracts; **Hematologic:** Bleeding episodes (eg, epistaxis, menorrhagia); **Metabolic/Endocrine:** Gynecomastia, hypoglycemic reaction, acidosis; **Cardiovascular:** Arrhythmias (sinus tachycardia, sinus bradycardia); **Allergic:** Serum sickness, lupus erythematosus syndrome, Henoch-Schönlein vasculitis, angioedema; **Renal:** Renal papillary necrosis.

Overdosage: In cases of acute overdosage, the stomach should be emptied. The drug is acidic and excreted in the urine so alkaline diuresis may be beneficial.

Dosage and Administration: Do not exceed 3200 mg/day.

Rheumatoid arthritis and osteoarthritis: Suggested dosage is 1200 to 3200 mg per day (400, 600 or 800 mg t.i.d. or q.i.d.). The smallest effective dosage should be used. Mild to moderate pain: 400 mg every 4 to 6 hours as necessary.

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*Reactions occurring in 3% to 9% of patients treated with MOTRIN. (Those reactions occurring in less than 3% of the patients are unmarked.)

**Reactions are classified under "Probable Causal Relationship (PCR)" if there has been one positive challenge or if three or more cases occur which might be causally related. Reactions are classified under "Causal Relationship Unknown" if seven or more events have been reported but the criteria for PCR have not been met.

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June 1985

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CONTINUING MEDICAL EDUCATION

(Continued from Page 457)

October 28-November 1—10th Annual San Diego Postgraduate Radiology Course. UCSD at San Diego. Monday-Friday. \$425. Contact: Mary J. Ryals, PO Box 610103, Dallas Fort Worth Airport, TX 75261. (214) 659-9590.

November 4-8—Diagnostic Radiology Seminars. UCSF at Maui Marriott Resort, Hawaii. Monday-Friday. Fee: \$375-\$475. Contact: UCSF.

SPORTS MEDICINE

October 24-25—Sports Medicine Hawaii: International Endurance, Sports and Fitness Symposium II. UCI at Sheraton Royal Waikoloa, Kona, HI. Thursday-Friday. 16 hrs. \$90-\$240. Contact: J. Massimino, MD, 896 Town and Country Office Park, Orange, CA 92668. (714) 989-3432.

November 1-3—Sports Medicine and Outpatient Orthopedics for the Primary Care Physician. Continuing Medical Education Association at Hotel Intercontinental San Diego. Friday-Sunday. 18 hrs. Fee: \$275. Contact: J. Shiller, CMEA, PO Box 84296, San Diego 92138. (619) 223-2997.

November 1-6—Women's Sports Medicine Update. UCD at Hyatt Regency, Monterey. Friday-Wednesday. Contact: Office of Continuing Medical Education, School of Medicine, UC Davis, 2701 Stockton Blvd., Sacramento 95817. (916) 453-5390.

SURGERY

October 19-20—Anterior Cruciate Ligament. Memorial Medical Center at Long Beach. Saturday-Sunday. 10.5 hrs. Contact: Margaret Frederick, Center for Health Education, PO Box 1428, Long Beach, CA 90801-1428. (213) 595-3811.

October 19-26—7th International Seminar on Operative Arthroscopy. UCLA at Maui Marriott Hotel, Hawaii. One week. 36 hrs. \$875.

November 1-4—Cyriax Approach to Orthopaedic Medicine. Thomas A. Dorman, MD, at San Luis Obispo. Friday-Monday. 24 hrs. Fee: \$420. Contact: Thomas A. Dorman, MD, 1041 Murray Ave., San Luis Obispo 93401. (805) 544-3126.

November 2—Spinal Cord Injury Update. UCD at Sacramento. Saturday. Contact: Office of Continuing Medical Education, School of Medicine, 2701 Stockton Blvd., Sacramento 95817. (916) 453-5390.

November 16—Lasers on Clinical Medicine and Surgery. Memorial Medical Center at Long Beach. Saturday. 7 hrs. Contact: Assistant Director Center for Health Education, 2801 Atlantic Ave., PO Box 1428, Long Beach, CA 90801-1428.

December 7-8—Lasers for Facial Aesthetics. American Academy of Facial Plastic and Reconstructive

(Continued on Page 553)



Briefly Noted

George F. Hewson, Jr., M.D., Jon B. Wang, M.D. and Rick Mendini, Athletic Trainer at the University of Arizona, Tucson presented a scientific paper, "Prophylactic Knee Bracing in College Football," at the Eleventh Annual American Orthopaedic Society for Sports Medicine Meeting in Nashville, Tennessee in July.

Eleanor A. Mokrane, M.D., a Casa Grande obstetrician/gynecologist, is the new president of the Casa Grande Regional Medical Center medical staff. A graduate of the University of Nevada School of Medicine, Dr. Mokrane is the first woman to hold this position. **M. Ma.Guerrero, III, M.D.**, Director of the Casa Grande Regional Medical Center, was elected vice-president and **R. Ravi, M.D.**, was elected secretary. Dr. Guerrero has served two terms at Hoemako Hospital and Casa Grande Regional Medical Center as medical staff president.

Thomas E. Newman, M.D., a Tucson urologist, has been elected president of the medical staff of St. Mary's Hospital and Health Center. Newman is a past-president of the Tucson Urologic Society.

John C. Pickett, M.D., Tucson, has been named Medical Director of the St. Joseph's Hospital and Medical Center home health program. Dr. Pickett is a former chief of medical services and has served on a number of hospital committees since joining the staff in 1970.

Robert E.T. Stark, M.D., Phoenix, attended and was a faculty member of the Regional Obesity Course entitled "How Can You Help the Obese Patient in Your Office Practice," which was presented by the American Society of Bariatric Physicians in Long Beach early this summer.

Health and Medicine are topics of increasing interest to the public. The following ArMA physicians have been featured speakers at recent public forums: **Drs. Rene E. Allen and Violet Juodakis**, Tucson, discussed PMS at a PMS awareness forum at the Pima County Medical Society; **Thomas F. Disney**, Scottsdale, was the featured speaker at a program on

"Coping with Arthritis" at the Scottsdale Senior Center; and **John H. Jarvis, M.D.**, discussed patient privacy and confidentiality before members of the Valley of the Sun Chapter of Sigma Delta Chi Society of Professional Journalists.

James A. Wagoner, M.D., a Casa Grande general practitioner, has retired after forty years of medical practice, twenty-five and one half of them in Casa Grande. A native of Indiana, Dr. Wagoner practiced medicine in his hometown of Huntington, Indiana, and in Minnesota prior to moving to Arizona. His wife, Phyllis, is head of the art department at Central Arizona College.

Burton E. Weissman, M.D., Phoenix, has been elected Secretary/Treasurer of the Medical Staff at Humana Hospital-Desert Valley. ArMA members who have been appointed department chairmen include: **Jeffrey Singer, M.D.**, Chief of Surgery; **Lance Holemon, M.D.**, Chief of Obstetrics and Gynecology; **Allen Stone, M.D.**, Chief of Pediatrics; **Donald J. Kuban, M.D.**, Chief of Pathology; **Richard C. Strand, M.D.**, Chief of Radiology

The Arizona Medical Association welcomes the following new members:

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cost-effectiveness of this approach can be improved by limiting the tests based on the results of the preemployment medical examination.

There are serious questions about the reliability of the results of screening urine for drugs. In a recent evaluation of the performance of 13 laboratories, error rates for barbiturates, amphetamines, methadone, cocaine, codeine and morphine ranged from 11% to 94%, 19% to 100%, 0% to 33%, 0% to 100%, 0% to 100% and 5% to 100%, respectively. False-positives ranged from 0% to 6%, 0% to 37%, 0% to 66%, 0% to 6%, 0% to 7% and 0% to 10%, respectively. These results suggest the need for monitoring the performance of organizations and contract laboratories with blind quality-control samples. All urine toxicology screening tests require confirmation by an alternative method before being considered positive. Where punitive action is contemplated, additional tests may be necessary to accurately quantify urine and serum drug levels.

PETER P. GREANEY, MD
Tustin, California

REFERENCES

- DuPont RL, Basen MM: Control of alcohol and drug abuse in industry—A literature review. *Public Health Rep* 1980 Mar-Apr; 95:137-148
- Hansen HJ, Caudill SP, Boone DJ: Crisis in drug testing. *JAMA* 1985 Apr 26; 253:2382-2387
- Lewy R: Preemployment qualitative urine toxicology screening. *J Occup Med* 1983 Aug; 25:579-580
- McBay AJ, Dubowsky KM, Finkle BS: Urine testing for marijuana use (Letter). *JAMA* Feb 18; 249:881
- Schreier JW: A survey of drug abuse in organizations. *Personnel J* 1983 Jun; 62:478-484

AIDS—Management of Hazards to Health Care Personnel

ALL PATIENTS with the acquired immunodeficiency syndrome (AIDS) will require hospital or outpatient care or both during their illnesses. A wide variety of health care personnel, therefore, face emotional and infection hazards that must be carefully addressed. In addition, Centers for Disease Control (CDC) surveillance has shown that 3% of patients with AIDS are health care personnel (although none has been "linked to a specific occupational exposure"). Special attention must be given to these workers and to (1) those in AIDS risk groups because of life-style and (2) those who have other immunosuppressing conditions.

Available evidence about human T-cell leukemia virus III transmission has led to the design of infection control guidelines very similar to those for hepatitis B. Highlights include the following:

- Assume that every patient has *some* occult infectious disease.
- Slow down and *think* when using, manipulating or disposing of needles.
- Wash hands, even when gloved.
- Wear protective eye wear during suctioning or endoscopy if aerosols or flying debris may be produced.
- Disinfect surfaces with a bleach solution (1:10).
- Reevaluate requirements for mouth-to-mouth practice during cardiopulmonary resuscitation (CPR) certification and have resuscitation bags and airways immediately available for AIDS patients who desire CPR.
- Follow established hepatitis B protocols after AIDS exposures and give indicated hepatitis B prophylaxis without delay.

Support of staff members who may be fearful, exhausted, uninformed or grieving is as important as infection control. Fortunately, hospitals have social workers, chaplains, psychiatrists and psychologists and access to outside groups and can therefore design educational and counseling programs for individuals and groups. Additionally, policies must be designed to address the special requirements of pregnant personnel and immunosuppressed employees with patient care or particularly demanding responsibilities. Finally, confidentiality must be respected.

LINDA HAWES CLEVER, MD
San Francisco

REFERENCES

- Acquired Immune Deficiency Syndrome (AIDS): Precautions for clinical and laboratory staffs (Current Trends). *MMWR* 1982 Nov 5; 31:577-585
- Acquired Immunodeficiency Syndrome (AIDS): Precautions for health-care workers and allied professionals (Currents Trends). *MMWR* 1983 Sep 2; 32:450-451
- Conte JE Jr, Hadley WK, Sande M: Infection-control guidelines for patients with the acquired immunodeficiency syndrome (AIDS). *N Engl J Med* 1983 Sep 22; 309:740-744
- Sacks HS, Rose DN, Chalmers TC: Should the risk of acquired immunodeficiency syndrome deter hepatitis B vaccination? *JAMA* 1984 Dec 28; 252:3375-3377
- Update: Prospective evaluation of health-care workers exposed via the parenteral or mucous-membrane route to blood or body fluids from patients with acquired immunodeficiency syndrome—United States (Current Trends). *MMWR* 1985 Feb 22; 34:101-103

ADVISORY PANEL TO THE SECTION ON OCCUPATIONAL MEDICINE

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(Continued from Page 460)

Surgery at Santa Barbara. Saturday-Sunday. Fee: \$325. Contact: Joseph R. Dibartolomeo Ear Foundation, 2420 Castillo St., Santa Barbara, CA 93105. (805) 682-3711.

OF INTEREST TO ALL PHYSICIANS

October 16—**Alcohol and Drug Symposium.** Southern California Permanente at Pasadena Hilton Hotel, Pasadena. Wednesday. Contact: Judy Harrison, Dept. of Clinical Services, Southern California Kaiser-Permanente, 4747 Sunset Blvd., Los Angeles, CA 90027. (213) 667-4241.

October 17-20—**Clinical Biofeedback Certificate Program.** UCLA at Los Angeles. Thursday-Sunday. 24 hrs. \$95.

October 17-20—**10th Annual Western Regional Meeting of the Society of Nuclear Medicine** at Palm Springs. Thursday-Sunday. Contact: Justine Parker, PO Box 40279, San Francisco, CA 94140. (415) 647-0722.

October 17-20—**Quality Care in the Workers Compensation System.** USC at Los Angeles. Thursday-Sunday. 21 hrs.

October 18-20—**Common Office Problems for the Primary Care Physician: 2nd Annual Symposium.** Monterey County Medical Society at Monterey. Friday-Sunday. 12 hrs. Contact: Cypress Foundation, PO Box 80308, Salinas 93912. (408) 455-1833.

October 19—**Obesity, Brief Therapeutic Strategies for Preparing the Obese Person to Make Lasting Dietary Changes.** Mental Research Institute, 555 Middlefield Rd. at Palo Alto. Saturday. 3.5 hrs. Fee: \$40. Contact: Training Programs Mental Research Institute, 555 Middlefield Rd., Palo Alto 94301. (415) 321-3055.

October 19-20—**Passionate Attachments: The Essential but Fragile Nature of Love.** Continuing Education Seminars at Century Plaza Hotel, Los Angeles. Saturday-Sunday. 12 hrs. \$175. Contact: Continuing Education Seminars, 1023 Westholme Ave., Los Angeles, CA 90024. (213) 475-8300.

October 21-24—**Family Crises: Intervention Strategies.** Mental Research Institute at Palo Alto. Monday-Thursday. 12 hrs. Fee: \$170. Contact: Training Programs Mental Research Institute, 555 Middlefield Rd., Palo Alto 94301. (415) 321-3055.

October 23-27—**Sexual Abuse: An Interdisciplinary Exploration.** Southern California Neuropsychiatric Institute at Ritz-Carlton, Laguna Niguel. Wednesday-Sunday. Fee: \$350. Contact: Stacey W. Grace, La Jolla Blvd., La Jolla 92037. (619) 454-2102.

October 25-27—**Child Abuse.** Institute for the Advancement of Human Behavior at Anaheim. Friday-

Sunday. 15 hrs. \$145-\$225. Contact: IAHB, 4370 Alpine Road, #205, Portola Valley, CA 94025. (415) 851-8411.

October 25-29—**The Spine: Advanced Concepts and Techniques.** The Spine Study Group at Vacation Village Hotel, San Diego. Friday-Tuesday. Contact: Spine Study Group, PO Box 13185, San Diego, CA 92103. (619) 692-9115.

October 26—**Symposium on Infectious Disease: Diagnosis and Treatment in the Office Practice.** Center for Healthcare Communications at Hilton Hotel, Sacramento. Saturday. 6 hrs. Contact: Pamela Harvey, Center for Healthcare Communications, 420 Lexington Ave., #320, New York, NY 10017. (212) 210-8940.

November 1-2—**Treating the Emotional Aspects of Cardiovascular Disease.** Monterey County Medical Society at Napa Valley. Friday-Saturday. 6 hrs. Contact: Cypress Foundation, PO Box 80308, Salinas 93912. (408) 455-1833.

November 6-8—**Primary Care: Selected Current Topics.** Merritt-Peralta Health Education Center at Oakland. Wednesday-Friday. 18 hrs. Fee: \$245. Contact: Merritt-Peralta, 400 Hawthorne Ave., Oakland. (415) 420-6161.

November 7-10—**Adult Children of Alcoholics.** St. Luke's Hospital at Los Angeles. Thursday-Sunday.

November 7-10—**Academy of Psychosomatic Medicine Annual Meeting.** Academy of Psychosomatic Medicine at San Francisco. Thursday-Sunday. Contact: Evelyn Hallberg, APM, 70 W. Hubbard St., Chicago, Ill 60610. (312) 644-2623.

November 8—**New Concepts in Medicine—21st Annual Staff Seminar.** California Medical Center at Los Angeles. Friday. 6 hrs. Fee: \$35. Contact: Kenneth L. Senter, MD, Director of Medical Education, 1414 S. Hope St., Los Angeles 90015. (213) 748-4211.

November 8-9—**Update of the Treatment of Asthma.** Monterey County Medical Society at Monterey. Friday-Saturday. 6 hrs. Contact: Cypress Foundation, PO Box 80308, Salinas 93912. (408) 455-1833.

November 14-15—**California Tuberculosis Controllers Fall Meeting.** California Tuberculosis Controllers Association at San Bernardino. Thursday-Friday.

November 14-16—**Clinical Preventive Medicine: 1985.** UCD at Sacramento. Thursday-Saturday. Contact: Office on Continuing Medical Education, 2701 Stockton Blvd., Sacramento 95817. (916) 453-5390.

November 15-17—**Injured Runner Seminar.** UCSD. Friday-Sunday. 19 hrs. Contact: Isabelle S. Green, Camp International Inc., Box 89, Jackson, MI 49204-0089. (517) 787-1600, ext. 291.

November 16—**Systematic Aspects of Chronic Physical Pain.** Mental Research Institute at Palo Alto. Saturday. 5 hrs. Fee: \$70. Contact: Training Programs Mental Research Institute, 555 Middlefield Rd., Palo Alto 94301. (415) 321-3055.

December 6-7—**Clinical Nutrition Update for the Practicing Physician.** UCD at Sacramento. Friday-Saturday. Contact: Office of CME, School of Medicine, UCD, 2701 Stockton Blvd., Sacramento, CA 95817. (916) 453-5390.

December 14-21—**Current Concepts in Pain Management.** International Conferences at Hawaii. One Week. 20 hrs. Contact: International Conferences, 189 Lodge Ave., Huntington Station, NY 11746. (516) 549-0869.

IDAHO

February 1-8—**Sports Medicine.** University of Washington at Elkhorn Resort, Sun Valley. One week. Contact: U/W School of Medicine, Division of CME, SC-50, Seattle, WA 98195. (206) 543-1050.

February 8-15—**Orthopaedics/Radiology.** University of Washington at Elkhorn Resort, Sun Valley. One week. Contact: U/W, Division of CME, SC-50, Seattle, WA 98195. (206) 543-1050.

February 15-22—**Endocrinology/Diabetes.** University of Washington at Elkhorn Resort, Sun Valley. One week. Contact: U/W, Division of CME, SC-50, Seattle, WA 98195. (206) 543-1050.

MONTANA

See Montana listings under WASHINGTON.

NEW MEXICO

Information, requests for accreditation and items to be listed should be sent to the chairman of the CME Committee, New Mexico Medical Society, 303 San Mateo NE, Suite 204, Albuquerque, NM 87108 at least two months in advance. For information on CME accreditation or on the CME requirements of the New Mexico Board of Medical Examiners, please write to the above address or call (505) 266-7868.

NOTE: Course information in the following listing is subject to change on occasion. Check with the sponsoring institution for current details.

October 17-19—**Primary Care Update '85: A Clinical Symposium for Physician Assistants, Nurse Practitioners and Allied Health Professionals.** Albuquerque. Thursday-Saturday. AMFAC Hotel. Contact: UNM.

November 1—**The Treatment of Coronary Artery Disease.** Albuquerque. Friday. 8 hrs. AMA Cat. I. Continental Inn. Contact: American Heart Association-New Mexico Affiliate, 629 Truman NE, Albuquerque 87108. (505) 268-3711.

November 1-2—**New Mexico Pediatric Society Annual Meeting—Infectious Diseases in Children.** Ruidoso. Friday-Saturday. Inn of the Mountain Gods. 8 hrs. AMA Cat. I. Contact: NM Pediatric Society, Marilyn Stark, Executive Secretary, 7605 Mountain Rd. NE, Albuquerque 87110. (505) 293-1333.

November 15-16—**New Mexico Medical Society Interim Meeting—Human Sexuality Update—1985.** Las Cruces. Friday-Saturday. Holiday Inn de Las Cruces. 6 hrs. AMA Cat. I. Contact: NM Medical Society, 303 San Mateo NE, #204, Albuquerque 87108. (505) 266-7868.

November 22—**Current Concepts on Causes of Cancer.** Los Alamos. Friday. Los Alamos National Labs, Meson Facility. 6 hrs. AMA and NM Cat. I. Contact: Jerry Williams, MD, PO Box 1663, MS-D421, Los Alamos 87545.

November 22-23—**Infectious Disease Update.** Albuquerque. Friday-Saturday. Sheraton Old Town. 10 hrs. AMA Cat. I. Contact: Lovelace Medical Center, Office of CME, 5400 Gibson SE, Albuquerque 87108. (505) 262-7353.

December 5-7—**New Mexico Chapter, American College of Physicians, and New Mexico Society of Internal Medicine—Annual Meetings.** Thursday-Saturday. Marriott Hotel, Albuquerque. 12 hrs. AMA Cat. I. Contact: UNM.

December 13-14—**Trauma Update '85.** Albuquerque. Friday-Saturday. Convention Center. AMA Cat. I. Contact: UNM.

February 20-22—**19th Annual OB/GYN Postgraduate Seminar.** Albuquerque. Thursday-Saturday. Hilton Inn. AMA Cat. I. Contact: UNM.

CONTACT INFORMATION

UNM—Contact: University of New Mexico School of Medicine, Office of CME, Albuquerque 87131. (505) 277-3942.

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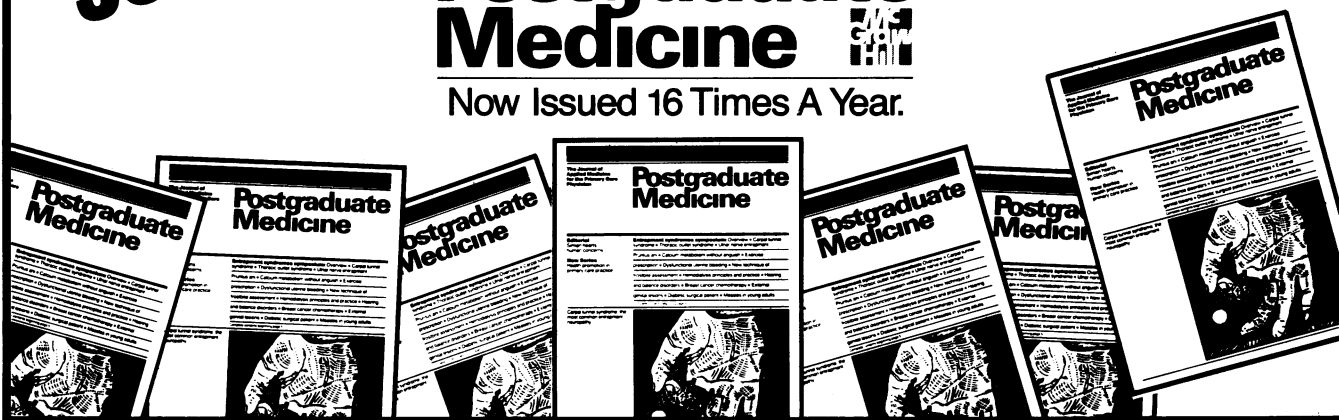
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CONTINUING MEDICAL EDUCATION

OREGON

The following list of continuing medical offerings in the state of Oregon is compiled by the Oregon Medical Association's Council on Medical Education. If you wish to submit information regarding future postgraduate courses, please submit the information to James A. Kronenberg, Associate Executive Director, Oregon Medical Association, 5210 SW Corbett Ave., Portland, OR 97201, or phone (503) 226-1555.

MEDICAL GRAND ROUNDS

Douglas Community Hospital, 738 West Harvard Avenue, Roseburg 97470:

Every Monday, 12:30 p.m. Contact: Robert A. Driver, MD, Douglas Community Hospital, 738 West Harvard Avenue, Roseburg, OR 97470. (503) 673-6641.

CONTACT INFORMATION

OHSU-CME—Contact: Division of Continuing Medical Education, Oregon Health Sciences University, Portland, OR 97201. (503) 225-8700.

Emanuel Hospital, 2801 N. Gantenbein Street, Portland 97227:

Every Friday, 12:15 p.m. to 1:00 p.m. **Medical Grand Rounds.** Contact: Philippa McClure, Emanuel Hospital, 2801 N. Gantenbein Street, Portland, OR 97227. (503) 280-3200.

Good Samaritan Hospital and Medical Center, 1015 NW 22nd Avenue, Portland 97210:

Every Wednesday, 8:00 a.m. to 9:00 a.m. **Medicine Grand Rounds.** Nursing Education Building, Room 110. Contact: Department of Medicine, Good Samaritan Hospital and Medical Center, 1015 NW 22nd Avenue, Portland, OR 97201. (503) 229-7454.

Providence Medical Center, 4805 NE Glisan, Portland 97213:

Every Wednesday, 8:00 a.m. **Medical Grand Rounds.** Contact: Richard Wernick, MD, Providence Medical Center, 4805 NE Glisan, Portland, OR 97213. (503) 230-6085.

Sacred Heart General Hospital, 1200 Alder Street, Eugene, OR 97440:

Every Tuesday, 8:00 a.m. to 9:00 a.m. **Medical Grand Rounds.** Hospital Auditorium. Contact: Medical Education Committee. PO Box 10905, Eugene, OR 97440.

Salem Hospital, 665 Winter Street SE, Salem 97301:

First and third Thursday of each month 7:15 a.m. to 8:15 a.m. **Medical Live Audit Conference.** Memorial Auditorium. Contact: Diane Eyerly, Salem Hospital, 665 Winter Street SE, Salem, OR 97301. (503) 370-5339.

Every Friday, 7:30 a.m. to 8:30 a.m. **Friday Grand Rounds.** Memorial Auditorium. Contact: Diane Eyerly, Salem Hospital, 665 Winter Street SE, Salem, OR 97301. (503) 370-5339.

St. Vincent Hospital & Medical Center, 9205 SW Barnes Road, Portland 97225:

First, third, fourth and fifth Wednesday of each month, 8:00 a.m. to 9:00 a.m. **Medical Grand Rounds.** Souther Auditorium. Contact: Bonnie Conger, Secretary to Dr Kenneth Melvin, St. Vincent Hospital & Medical Center, 9205 SW Barnes Road, Portland 97225. (503) 297-4411, Ext. 2230.

Oregon Health Sciences University, Department of Psychiatry, Portland 97201:

Every Wednesday, 4:00 p.m. to 5:00 p.m. **Department of Psychiatry Grand Round Presentations.** Room 8B-60, University Hospital South, Oregon Health Sciences University. Contact: Dept. of Psychiatry, Oregon Health Sciences University, Portland, OR 97201. (503) 225-8144.

Oregon Health Sciences University, Department of Medicine, Portland 97201:

Every Tuesday, 8:00 a.m. to 9:00 a.m. **Department of Medicine Grand Rounds.** U.H.S.-8B-60, Oregon Health Sciences University. Contact: Dept. of Medicine, Oregon Health Sciences University, Portland, OR 97201. (503) 225-8607.

FAMILY PRACTICE GRAND ROUNDS

Every Wednesday, 11:00 a.m. to 12:00 Noon. **Family Practice Grand Rounds.** Family Practice Center, Oregon Health Sciences University, Portland. Contact: William A. Fisher, MD, Oregon Health

Sciences University, Department of Family Practice, Portland, OR 97201. (503) 225-7590.

EMERGENCY MEDICINE

November 14-15—**Symposium on Critical Care Medicine.** Red Lion/Jantzen Beach. Thursday-Friday. Contact: OHSU-CME.

OBSTETRICS AND GYNECOLOGY

October 17-19—**9th Annual Pacific NW Review of Obstetrics and Gynecology.** Portland. Thursday-Saturday. Red Lion/Jantzen Beach. Contact: OHSU-CME.

UTAH

This listing of continuing medical education courses in Utah is compiled and edited by the CME office of the Utah State Medical Association. All courses listed have been certified by CME accredited institutions as meeting the criteria for Category 1 of the Physician's Recognition Award of the American Medical Association. They also must meet the definition of Utah Approved CME Credit for the purpose of medical license reregistration in Utah. Accredited institutions wishing to list AMA Category 1/Utah Approved CME courses here should send information at least two months in advance to the Office of Continuing Medical Education, 540 East Fifth South, Salt Lake City, Utah 84102; or phone (801) 355-5290. For information on CME accreditation or on the CME requirements of the Utah Physicians' Licensing Board, please write the CME office at the above address.

NOTE: Course information in the following listing is subject to change on occasion. Check with the sponsoring institution or the CME office for current details.

MEDICAL GRAND ROUNDS

Each Wednesday—8:00-9:00 a.m. Alternating between University of Utah Medical Center and VA Medical Center, Salt Lake City. Contact: William D. Odell, MD, PhD, Professor and Chairman, Dept. of Internal Medicine, Univ. of Utah, (801) 581-7606.

* * *

November 8-9—**Advanced Trauma Life Support** (Sponsor: University of Utah/Utah Department of Health). Friday-Saturday. Quality Inn, Salt Lake City. 16 hrs. Contact: Kim Tanner, (801) 533-6608.

January 20-23—**International Biomedical Engineering Symposium** (Sponsor: University of Utah). Monday-Thursday. Salt Lake City Salt Palace. 18 hrs. Contact: Joseph Andrade, PhD, (801) 581-7236.

CONTINUING MEDICAL EDUCATION

April 10-12—Neurology for the Practitioner
(Sponsor: University of Utah). Thursday-Saturday.
Salt Lake City Sheraton. 18 hrs. Contact: J. Richard
Baringer, MD, (801) 581-8664.

**March 6-7—Utah Ophthalmological Society Annual
Park City Winter Meeting: Corneal Disease**
(Sponsors: Utah Ophthalmological Society and Uni-
versity of Utah). Thursday-Friday. Holiday Inn/
Yarrow, Park City. Contact: Pam Hanson, (801)
355-5290.

SPONSORS OF COURSES—ABBREVIATIONS

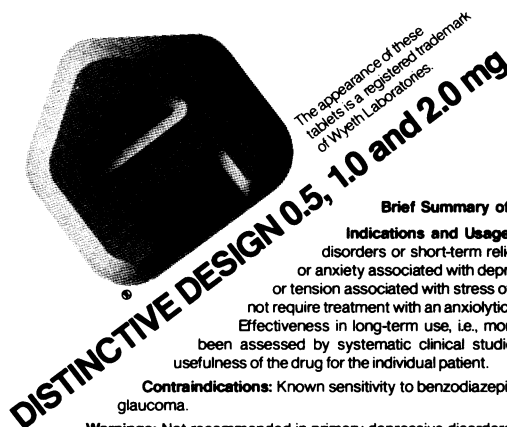
- AF: Arthritis Foundation, 1174 East 2700 South, Salt Lake City 84117.
(801) 466-9389.
- CH: Castleview Hospital (formerly Carbon Hospital), RFD 2, Box 46,
Price, UT 84501. (801) 637-4800.
- CWH: Cottonwood Hospital, 5770 South 300 East, Salt Lake City 84101.
(801) 262-3461.
- FHP: Family Health Program/Utah, 323 South Sixth East, Salt Lake City
84102. (801) 335-1234. Contact: Kay Schultz for course informa-
tion.
- HAFB: Hill Air Force Hospital, Hill Air Force Base 84406. (801) 777-
1262.
- HCH: Holy Cross Hospital, 1045 East First South, Salt Lake City 84102.
(801) 350-4744.
- LDSH: Latter-Day Saints Hospital, 325 8th Avenue, Salt Lake City 84143,
(801) 350-1100.
- MDH: McKay-Dee Hospital Center, 3939 Harrison Blvd., Ogden 84409.
(801) 399-4141.
- OEH: Rocky Mountain Center for Occupational and Environmental
Health, 50 North Medical Drive, Salt Lake City 84132. (801)
581-8719.
- OSS: Ogden Surgical Society, PO Box 9311, Ogden 84409.
- PCMC: Primary Children's Medical Center, 320 12th Ave., Salt Lake City
84103. (801) 363-1221.
- SHCC: Shriners Hospital for Crippled Children, Intermountain Unit,
Fairfax Ave. at Virginia St., Salt Lake City 84103. (801) 532-
5307.
- SLSC: Salt Lake Surgical Center, 617 East 3900 South, Salt Lake City
84117. (801) 261-3141.
- UAFF: Utah Academy of Family Physicians, 1146 Westminster Ave., Salt
Lake City 84105. (801) 466-9478.
- UUMC: University of Utah Medical Center, 50 North Medical Drive, Salt
Lake City 84132. (801) 581-2258.
- USMA: Utah State Medical Association, 540 East Fifth South, Salt Lake
City 84102. (801) 355-7477.
- UVH: Utah Valley Hospital, 1034 North Fifth West, Provo 84601. (801)
373-7850.
- VAMC: Veterans Administration Medical Center, 500 Foothill Drive, Salt
Lake City 84148. (801) 582-1565.

WASHINGTON

This listing of continuing medical education programs in Wash-
ington state is compiled by the Washington State Medical As-
sociation. To list Category 1 programs here please send infor-
mation at least two months in advance to Continuing Medical
Education, Washington State Medical Association, 2033 Sixth
Avenue, Suite 900, Seattle, WA 98121; or phone (206) 623-
4801.

Brochures and Registration Forms are available from the con-
tact person or organization listed at the end of each course or
in the list of course sponsors and contact information.

(Continued on Page 559)



Brief Summary of Prescribing Information.

Indications and Usage: Management of anxiety disorders or short-term relief of symptoms of anxiety or anxiety associated with depressive symptoms. Anxiety or tension associated with stress of everyday life usually does not require treatment with an anxiolytic.

Effectiveness in long-term use, i.e., more than 4 months, has not been assessed by systematic clinical studies. Reassess periodically usefulness of the drug for the individual patient.

Contraindications: Known sensitivity to benzodiazepines or acute narrow-angle glaucoma.

Warnings: Not recommended in primary depressive disorders or psychoses. As with all CNS-acting drugs, warn patients not to operate machinery or motor vehicles, and of diminished tolerance for alcohol and other CNS depressants.

Physical and Psychological Dependence: Withdrawal symptoms like those noted with barbiturates and alcohol have occurred following abrupt discontinuance of benzodiazepines (including convulsions, tremor, abdominal and muscle cramps, vomiting and sweating). Addiction-prone individuals, e.g. drug addicts and alcoholics, should be under careful surveillance when on benzodiazepines because of their predisposition to habituation and dependence. Withdrawal symptoms have also been reported following abrupt discontinuance of benzodiazepines taken continuously at therapeutic levels for several months.

Precautions: In depression accompanying anxiety, consider possibility for suicide.

For elderly or debilitated patients, initial daily dosage should not exceed 2mg to avoid oversedation. Terminate dosage gradually since abrupt withdrawal of any antianxiety agent may result in symptoms like those being treated: anxiety, agitation, irritability, tension, insomnia and occasional convulsions. Observe usual precautions with impaired renal or hepatic function. Where gastrointestinal or cardiovascular disorders coexist with anxiety, note that lorazepam has not been shown of significant benefit in treating gastrointestinal or cardiovascular component. Esophageal dilation occurred in rats treated with lorazepam for more than 1 year at 6mg/kg/day. No effect dose was 1.25mg/kg/day (about 6 times maximum human therapeutic dose of 10mg/day). Effect was reversible only when treatment was withdrawn within 2 months of first observation. Clinical significance is unknown; but use of lorazepam for prolonged periods and in geriatrics requires caution and frequent monitoring for symptoms of upper GI. disease. Safety and effectiveness in children under 12 years have not been established.

ESSENTIAL LABORATORY TESTS: Some patients have developed leukopenia; some have had elevations of LDH. As with other benzodiazepines, periodic blood counts and liver function tests are recommended during long-term therapy.

CLINICALLY SIGNIFICANT DRUG INTERACTIONS: Benzodiazepines produce CNS depressant effects when administered with such medications as barbiturates or alcohol.

CARCINOGENESIS AND MUTAGENESIS: No evidence of carcinogenic potential emerged in rats during an 18-month study. No studies regarding mutagenesis have been performed.

PREGNANCY: Reproductive studies were performed in mice, rats, and 2 strains of rabbits. Occasional anomalies (reduction of tarsals, tibia, metatarsals, malrotated limbs, gastroschisis, malformed skull and microphthalmia) were seen in drug-treated rabbits without relationship to dosage. Although all these anomalies were not present in the concurrent control group, they have been reported to occur randomly in historical controls. At 40mg/kg and higher, there was evidence of fetal resorption and increased fetal loss in rabbits which was not seen at lower doses. Clinical significance of these findings is not known. However, increased risk of congenital malformations associated with use of minor tranquilizers (chloridiazepoxide, diazepam and meprobamate) during first trimester of pregnancy has been suggested in several studies. Because use of these drugs is rarely a matter of urgency, use of lorazepam during this period should almost always be avoided. Possibility that a woman of child-bearing potential may be pregnant at institution of therapy should be considered. Advise patients if they become pregnant to communicate with their physician about desirability of discontinuing the drug. In humans, blood levels from umbilical cord blood indicate placental transfer of lorazepam and its glucuronide.

NURSING MOTHERS: It is not known if oral lorazepam is excreted in human milk like other benzodiazepines. As a general rule, nursing should not be undertaken while on a drug since many drugs are excreted in milk.

Adverse Reactions, if they occur, are usually observed at beginning of therapy and generally disappear on continued medication or on decreasing dose. In a sample of about 3,500 anxious patients, most frequent adverse reaction is sedation (15.9%), followed by dizziness (6.9%), weakness (4.2%) and unsteadiness (3.4%). Less frequent are disorientation, depression, nausea, change in appetite, headache, sleep disturbance, agitation, dermatological symptoms, eye function disturbance, various gastrointestinal symptoms and autonomic manifestations. Incidence of sedation and unsteadiness increased with age. Small decreases in blood pressure have been noted but are not clinically significant, probably being related to relief of anxiety.

Transient amnesia or memory impairment has been reported in association with the use of benzodiazepines.

Overdosage: In management of overdosage with any drug, bear in mind multiple agents may have been taken. Manifestations of overdosage include somnolence, confusion and coma. Induce vomiting and/or undertake gastric lavage followed by general supportive care, monitoring vital signs and close observation. Hypotension, though unlikely, usually may be controlled with Levaterenol Bitartrate injection U.S.P. Usefulness of dialysis has not been determined.

Ativan®
for (lorazepam)
Anxiety

DOSAGE: Individualize for maximum beneficial effects. Increase dose gradually when needed, giving higher evening dose before increasing daytime doses. Anxiety, usually 2-3mg/day given b.i.d. or t.i.d.; dosage may vary from 1 to 10mg/day in divided doses. For elderly or debilitated, initially 1-2mg/day; insomnia due to anxiety or transient situational stress, 2-4mg h.s.

HOW SUPPLIED: 0.5, 1.0 and 2.0mg tablets.

Wyeth Laboratories
Philadelphia, PA 19101

(Continued from Page 557)

October 15—**Physiology of Aging.** Seattle. Tuesday. Ballard Hospital. Contact: U/W.

October 17-18—**Washington State Hospital Association—Annual Meeting.** Seattle. Thursday-Friday. Red Lion Inn. Contact: Wendy Ray, WSHA, 190 Queen Anne Avenue North, Seattle 98109. (206) 281-7211.

October 18—**Annual Cancer Conference.** Seattle. Friday. Virginia Mason Medical Center. Contact: VMMC.

October 18—**Riverton Hospital Lecture Series.** Seattle. Friday. Riverton Hospital. Contact: U/W.

October 22—**Death Investigations.** Auburn. Tuesday. Auburn General Hospital. Contact: U/W.

October 24-25—**Alzheimer's.** Seattle. Thursday-Friday. Holiday Inn, Crowne Plaza. Contact: U/W.

October 25—**Riverton Hospital Lecture Series.** Seattle. Friday. Riverton Hospital. Contact: U/W.

October 25-26—**Neonatal and Pediatric Advanced Life Support.** Seattle. Friday-Saturday. Virginia Mason Medical Center. Contact: VMMC.

October 26—**Transdermal Therapy.** Seattle. Saturday. Westin Hotel. Contact: U/W.

November 1—**Riverton Hospital Lecture Series.** Seattle. Friday. Riverton Hospital. Contact: U/W.

November 1-2—**Preventive Cardiology and Medical Alumni Day.** Seattle. Friday-Saturday. U/W Health Sciences. Contact: U/W.

November 1—**Management of Common Problems in Epilepsy.** Bellevue. Friday. Red Lion Inn. Contact: Nancy Aziz, Continuing Medical Education, Overlake Hospital and Medical Center, 1035 116th Ave. NE, Bellevue 98004. (206) 454-4011, ext. 2630.

November 1—**Frontiers in Eye Care for Health Professionals.** Seattle. Friday. Virginia Mason Medical Center. Contact: VMMC.

November 1-2 (VANCOUVER)—**Northwest Urological Society 1985 Annual Meeting.** Vancouver, BC. Friday-Saturday. Bayshore Inn. Contact: Patti Smith, Northwest Urological Society, 2033 Sixth Ave., Ste. 900, Seattle 98121. (206) 441-9762.

COURSE SPONSORS AND CONTACT INFORMATION

CME HARBORVIEW—Contact: Gayle Splater, Cytology Continuing Education, Dept. of Pathology, Harborview Medical Center, 325 Ninth Avenue, Seattle, WA 98104. (206) 223-5953.

CME PIERCE COUNTY—Contact: Mrs Maxine Bailey, Executive Director, College of Medical Education, 705 South Ninth, No. 203, Tacoma, WA 98405. (206) 627-7137.

U/W (UNIVERSITY OF WASHINGTON)—Contact: U/W School of Medicine, Div. of CME, SC-50, Seattle, WA 98195. (206) 543-1050.

VMMC (VIRGINIA MASON MEDICAL CENTER)—Contact: Linda Orgel, Division of Continuing Medical Education, Virginia Mason Medical Center, PO Box 900, Seattle, WA 98111. (206) 223-6898.

November 7-8—**Washington Chapter, American College of Emergency Physicians—15th Annual Clinic Conference.** Seattle. Thursday-Friday. Four Seasons Olympic Hotel. Contact: Patti Smith, Washington Chapter, ACEP, 2033 Sixth Ave., Suite 900, Seattle 98121. (206) 441-9762.

November 7-8—**Drug Therapy.** Seattle. Thursday-Friday. Westin Hotel. Contact: U/W.

November 8—**Riverton Hospital Lecture Series.** Seattle. Friday. Riverton Hospital. Contact: U/W.

November 13 (MONTANA)—**Montana Medicine Lecture Series.** Great Falls. Wednesday. Columbus Hospital. Contact: U/W.

November 14 (MONTANA)—**Montana Medicine Lecture Series.** Billings. Thursday. Deaconess Hospital. Contact: U/W.

November 15—**Riverton Hospital Lecture Series.** Seattle. Friday. Riverton Hospital. Contact: U/W.

November 15 (MONTANA)—**Montana Medicine Lecture Series.** Missoula. Friday. St. Patricks Hospital. Contact: U/W.

November 15—**Neuro-Ophthalmology Seminar.** Seattle. Friday. Virginia Mason Medical Center. Contact: VMMC.

November 15-16—**Seafood and Health Conference.** Seattle. Friday-Saturday. Seattle Sheraton. Contact: U/W.

November 19—**Common Knee Problems.** Seattle. Tuesday. Ballard Hospital. Contact: U/W.

November 21—**Pacific Northwest Endoscopy Society.** Seattle. Thursday. Four Seasons Olympic. Contact: U/W.

November 23-30 (HAWAII)—**Medical Malpractice: Preventive Approach.** Maui. One week. Royal Lahaina. Contact: U/W.

November 26—**Office Dermatology.** Auburn. Tuesday. Auburn General Hospital. Contact: U/W.

November 29-30—**Symposium on Breast Disease.** Seattle. Friday-Saturday. Seattle Sheraton. Contact: U/W.

November 29—**Riverton Hospital Lecture Series.** Seattle. Friday. Riverton Hospital. Contact: U/W.

November 30-December 1—**Immediate Care of Sick and Injured.** Seattle. Saturday-Sunday. U/W Health Sciences. Contact: U/W.

December 5-6—**Aging and the Elderly.** Seattle. Thursday-Friday. Westin Hotel. Contact: U/W.

December 6—**Riverton Hospital Lecture Series.** Seattle. Friday. Riverton Hospital. Contact: U/W.

December 6—**Practical Pediatrics.** Seattle. Friday. Virginia Mason Medical Center. Contact: VMMC.

December 7—**Radiology Northwest**. Seattle. Saturday. U/W Health Sciences Building. Contact: U/W.

December 7-8—**Washington State Society of Anesthesiologists Winter Meeting**. Seattle. Saturday-Sunday. Four Seasons Olympic Hotel. Contact: Patti Smith, Washington State Society of Anesthesiologists, 2033 Sixth Ave., Suite 900, Seattle 98121. (206) 441-9762.

December 11—**Hypertension**. Seattle. Wednesday. Westin Hotel. Contact: U/W.

December 13—**Riverton Hospital Lecture Series**. Seattle. Friday. Riverton Hospital. Contact: U/W.

December 17—**Rheumatoid Arthritis—1985**. Seattle. Tuesday. Ballard Hospital. Contact: U/W.

December 20—**Riverton Hospital Lecture Series**. Seattle. Friday. Riverton Hospital. Contact: U/W.

December 27-January 3 (HAWAII)—**Advances in Internal Medicine**. Kauai. One week. Waiohai Hotel. Contact: U/W.

December 27-January 3 (HAWAII)—**Medical Malpractice: Preventive Approach**. Kauai. One week. Waiohai Hotel. Contact: U/W.

January 3—**Riverton Hospital Lecture Series**. Seattle. Friday. Riverton Hospital. Contact: U/W.

January 10—**Riverton Hospital Lecture Series**. Seattle. Friday. Riverton Hospital. Contact: U/W.

January 14—**Osteoporosis: DX and RX**. Seattle. Tuesday. Ballard Hospital. Contact: U/W.

January 17-18—**Advances in Internal Medicine**. Seattle. Friday-Saturday. Westin Hotel. Contact: U/W.

January 17—**Riverton Hospital Lecture Series**. Seattle. Friday. Riverton Hospital. Contact: U/W.

January 21—**Immunization Updates**. Auburn. Tuesday. Auburn General Hospital. Contact: U/W.

January 22 (MONTANA)—**Montana Medicine Lecture Series**. Great Falls. Wednesday. Deaconess Medical Center. Contact: U/W.

January 23 (MONTANA)—**Montana Medicine Lecture Series**. Billings. Thursday. Deaconess Hospital. Contact: U/W.

January 23-24—**MKSAP VII Review Course**. Seattle. Thursday-Friday. Virginia Mason Medical Center. Contact: VMMC.

January 24-25—**Eye Care for Primary MDs**. Seattle. Friday-Saturday. Westin. Contact: U/W.

January 24—**Riverton Hospital Lecture Series**. Seattle. Friday. Riverton Hospital. Contact: U/W.

January 24 (MONTANA)—**Montana Medicine Lecture Series**. Missoula. Friday. St. Patricks Hospital. Contact: U/W.

January 30-31—**Updates in Cardiology**. Seattle. Thursday-Friday. Westin Hotel. Contact: U/W.

January 31—**Riverton Hospital Lecture Series**. Seattle. Friday. Riverton Hospital. Contact: U/W.

February 1-8 (IDAHO)—**Sports Medicine**. Sun Valley. One week. Elkhorn Resort. Contact: U/W.

February 6-7—**Neurology Update**. Seattle. Thursday-Friday. Westin Hotel. Contact: U/W.

February 7—**Riverton Hospital Lecture Series**. Seattle. Friday. Riverton Hospital. Contact: U/W.

February 7-8—**Clinical Problems in Urology**. Seattle. Friday-Saturday. Virginia Mason Medical Center. Contact: VMMC.

February 8-15 (IDAHO)—**Orthopaedics/Radiology**. Sun Valley. One week. Elkhorn Resort. Contact: U/W.

February 14—**Riverton Hospital Lecture Series**. Seattle. Friday. Riverton Hospital. Contact: U/W.

February 15-22 (IDAHO)—**Endocrinology/Diabetes**. Sun Valley. One week. Elkhorn Resort. Contact: U/W.

February 18—**Antiviral Strategies**. Seattle. Tuesday. Ballard Hospital. Contact: U/W.

February 19 (MONTANA)—**Montana Medicine Lecture Series**. Great Falls. Wednesday. Columbus Hospital. Contact: U/W.

February 20 (MONTANA)—**Montana Medicine Lecture Series**. Billings. Thursday. Deaconess Hospital. Contact: U/W.

February 20-22 (HAWAII)—**Father Damien's Colony**. Molokai. Thursday-Saturday. Sheraton Molokai. Contact: U/W.

February 21—**Riverton Hospital Lecture Series**. Seattle. Friday. Riverton Hospital. Contact: U/W.

February 21 (MONTANA)—**Montana Medicine Lecture Series**. Missoula. Friday. St. Patricks Hospital. Contact: U/W.

February 23-March 1 (HAWAII)—**Trauma/Surgery**. Kona. Sunday-Saturday. Royal Waikoloa. Contact: U/W.

February 25—**Child Rearing Practices**. Auburn. Tuesday. Auburn General Hospital. Contact: U/W.

February 28—**Riverton Hospital Lecture Series**. Seattle. Friday. Riverton Hospital. Contact: U/W.

February 28-March 1—**Neurology—Past, Present, Future**. Seattle. Friday-Saturday. Virginia Mason Medical Center. Contact: VMMC.

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(ergoloid mesylates) liquid capsules
1 mg

Indications: Symptomatic relief of signs and symptoms of idiopathic decline in mental capacity (i.e., cognitive and interpersonal skills, mood, self-care, apparent motivation) in patients over sixty. It appears that individuals who respond to HYDERGINE therapy are those who would be considered clinically to suffer from some ill-defined process related to aging or to have some underlying dementing condition, such as primary progressive dementia, Alzheimer's dementia, senile onset, or multi-infarct dementia. Before prescribing HYDERGINE[®] (ergoloid mesylates), the physician should exclude the possibility that signs and symptoms arise from a potentially reversible and treatable condition, particularly delirium and dementia-form illness secondary to systemic disease, primary neurological disease, or primary disturbance of mood. Not indicated for acute or chronic psychosis regardless of etiology (see Contraindications).

Use of HYDERGINE therapy should be continually reviewed, since presenting clinical picture may evolve to allow specific diagnosis and specific alternative treatment, and to determine whether any initial benefit persists. Modest but statistically significant changes observed at the end of twelve weeks of therapy include: mental alertness, confusion, recent memory, orientation, emotional lability, self-care, depression, anxiety/fears, cooperation, sociability, appetite, dizziness, fatigue, bothersome(ness), and overall impression of clinical status.

Contraindications: Hypersensitivity to the drug; psychosis, acute or chronic, regardless of etiology.

Precautions: *Because the target symptoms are of unknown etiology, careful diagnosis should be attempted before prescribing HYDERGINE (ergoloid mesylates) preparations.*

Adverse Reactions: Serious side effects have not been found. Some transient nausea and gastric disturbances have been reported, and sublingual irritation with the sublingual tablets.

Dosage and Administration: 1 mg three times daily. Alleviation of symptoms is usually gradual and results may not be observed for 3-4 weeks.

How Supplied: HYDERGINE LC (liquid capsules); 1 mg, oblong, off-white, branded "HYDERGINE LC 1 mg" on one side, "S" other side. Packages of 100 and 500. (Encapsulated by R. P. Scherer, N.A., Clearwater, Florida 33518).

HYDERGINE (ergoloid mesylates) tablets (for oral use); 1 mg, round, white, embossed "HYDERGINE 1" on one side, "S" other side. Packages of 100 and 500.

Each liquid capsule or tablet contains ergoloid mesylates USP as follows: dihydroergocornine mesylate 0.333 mg, dihydroergocristine mesylate 0.333 mg, and dihydroergocryptine (dihydro-alpha-ergocryptine and dihydro-beta-ergocryptine in the proportion of 2:1) mesylate 0.333 mg, representing a total of 1 mg.

Also available: HYDERGINE sublingual tablets; 1 mg, oval, white, embossed "HYDERGINE" on one side, "78-77" other side. Packages of 100 and 1000. 0.5 mg, round, white, embossed "HYDERGINE 0.5" on one side, "S" other side. Packages of 100 and 1000.

HYDERGINE liquid; 1 mg/ml. Bottles of 100 mg with an accompanying dropper graduated to deliver 1 mg.

[HYD-ZZ24-6 15 84]

Before prescribing, see package circular for full product information.

HYD-1085-13



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CONTINUING MEDICAL EDUCATION

(Continued from Page 560)

March 7—**Riverton Hospital Lecture Series.** Seattle. Friday. Riverton Hospital. Contact: U/W.

March 14—**Riverton Hospital Lecture Series.** Seattle. Friday. Riverton Hospital. Contact: U/W.

March 15-22 (HAWAII)—**Death Investigation.** Maui. One week. Royal Lahaina. Contact: U/W.

March 15-22 (HAWAII)—**Advanced Cardiac Life Support.** Kauai. One week. Kauai Sheraton. Contact: U/W.

March 18—**Shoulder Injuries.** Seattle. Tuesday. Ballard Hospital. Contact: U/W.

March 19 (MONTANA)—**Montana Medicine Lecture Series.** Great Falls. Wednesday. Deaconess Medical Center. Contact: U/W.

March 20 (MONTANA)—**Montana Medicine Lecture Series.** Billings. Thursday. Deaconess Hospital. Contact: U/W.

March 21 (MONTANA)—**Montana Medicine Lecture Series.** Missoula. Friday. St. Patricks Hospital. Contact: U/W.

March 21—**Riverton Hospital Lecture Series.** Seattle. Friday. Riverton Hospital. Contact: U/W.

March 21-22—**Medicine for Psychotherapists.** Seattle. Friday-Saturday. Virginia Mason Medical Center. Contact: VMCC.

March 22—**Radiology Northwest.** Seattle. Saturday. UW Health Sciences Building. Contact: U/W.

March 22-29 (HAWAII)—**Ortho/OBGYN/Pain/Obesity/Surgery.** Kauai. One week. Kauai Sheraton. Contact: U/W.

March 25—**What's New In Imaging.** Auburn. Tuesday. Auburn General Hospital. Contact: U/W.

March 28—**Riverton Hospital Lecture Series.** Seattle. Friday. Riverton Hospital. Contact: U/W.

April 3-4—**Oncology.** Seattle. Thursday-Friday. Westin Hotel. Contact: U/W.

April 4—**Riverton Hospital Lecture Series.** Seattle. Friday. Riverton Hospital. Contact: U/W.

April 5—**Mason Clinic Day.** Seattle. Saturday. Virginia Mason Medical Center. Contact: VMCC.

April 5-12 (HAWAII)—**Drug Therapy.** Kauai. One week. Sheraton Princeville. Contact: U/W.

April 7-18—**Rehab Medicine Review.** Seattle. Monday-Friday. Seattle Sheraton. Contact: U/W.

April 11—**Riverton Hospital Lecture Series.** Seattle. Friday. Riverton Hospital. Contact: U/W.

April 15—**Reflux and Surgery.** Seattle. Tuesday. Ballard Hospital. Contact: U/W.

CONTINUING MEDICAL EDUCATION

April 16 (MONTANA)—**Montana Medicine Lecture Series.** Great Falls. Wednesday. Columbus Hospital. Contact: U/W.

April 17 (MONTANA)—**Montana Medicine Lecture Series.** Billings. Thursday. Deaconess Hospital. Contact: U/W.

April 18—**Riverton Hospital Lecture Series.** Seattle. Friday. Riverton Hospital. Contact: U/W.

April 18 (MONTANA)—**Montana Medicine Lecture Series.** Missoula. Friday. St. Patricks Hospital. Contact: U/W.

April 22—**Common Knee Strains/Sprains.** Auburn. Tuesday. Auburn General Hospital. Contact: U/W.

April 25—**Riverton Hospital Lecture Series.** Seattle. Friday. Riverton Hospital. Contact: U/W.

May 1-5—**Psychomotor Skill.** Seattle. Thursday-Monday. Westin Hotel. Contact: U/W.

May 2—**Riverton Hospital Lecture Series.** Seattle. Friday. Riverton Hospital. Contact: U/W.

May 2-3—**Functional Disease.** Seattle. Friday-Saturday. Virginia Mason Medical Center. Contact: VMMC.

May 8-9—**MKSAP VII Review Course.** Seattle. Thursday-Friday. Virginia Mason Medical Center. Contact: VMMC.

May 9—**Riverton Hospital Lecture Series.** Seattle. Friday. Riverton Hospital. Contact: U/W.

May 16—**Riverton Hospital Lecture Series.** Seattle. Friday. Riverton Hospital. Contact: U/W.

May 20—**Hyperlipidemias.** Seattle. Tuesday. Ballard Hospital. Contact: U/W.

May 21 (MONTANA)—**Montana Medicine Lecture Series.** Great Falls. Wednesday. Deaconess Medical Center. Contact: U/W.

May 22 (MONTANA)—**Montana Medicine Lecture Series.** Billings. Thursday. Deaconess Hospital. Contact: U/W.

May 23 (MONTANA)—**Montana Medicine Lecture Series.** Missoula. Friday. St. Patricks Hospital. Contact: U/W.

May 23—**Riverton Hospital Lecture Series.** Seattle. Friday. Riverton Hospital. Contact: U/W.

May 27—**Hyperlipidemia.** Auburn. Tuesday. Auburn General Hospital. Contact: U/W.

May 30—**Riverton Hospital Lecture Series.** Seattle. Friday. Riverton Hospital. Contact: U/W. ♦

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THE WESTERN JOURNAL OF MEDICINE

INFORMATION FOR AUTHORS

Submitting Manuscripts

Manuscripts for consideration should be sent to the editor, Malcolm S. M. Watts, MD, 44 Gough Street, San Francisco, California 94103. The transmittal letter should designate one person as correspondent and include complete address, with ZIP code and telephone number.

In view of *The Copyright Revision Act of 1976*, transmittal letters should contain the following language: "In consideration for reviewing and editing my submission, the author(s) undersigned hereby transfers, assigns or otherwise conveys all copyright ownership to THE WESTERN JOURNAL OF MEDICINE in the event that such work is published by the journal." This statement should be signed by *all* the authors.

Authors are urged to seek clarity and succinctness in all manuscripts regardless of subject matter or format and to give close attention to syntax, grammar and spelling.

Clinical Investigation Section

Articles that authors wish to have considered for the Clinical Investigation section should be so designated in the transmittal letter. The type of articles appropriate for this section are those that describe experimental work in humans that extensively and prospectively examines scientific hypotheses relating to disease. An article describing a single case report will not normally be considered appropriate for this section.

Preparing Manuscripts

The original manuscript and *two* copies should be submitted on heavy bond paper (8½ by 11 inches, *not* erasable), typed *double-spaced throughout* (including legends, tables and references) on one side of the paper, with 1½-inch margins. Ordinarily, articles should not exceed 3,000 words (less than 15 text pages, typed double-spaced). Under exceptional circumstances only will articles longer than 4,000 words be published. Pages should be numbered consecutively, beginning with the title page.

Style

Abbreviations. Use of abbreviations should be minimized. If they are necessary, abbreviations should be spelled out at first mention, with the abbreviation itself immediately following in parentheses.

Weights and measures. All measurements should be given in metric units. English equivalents should be given parenthetically if the measurements were originally done in English units.

Temperatures. Temperature readings should be given first in Celsius, followed by the Fahrenheit equivalent in parentheses.

Drug names. If the trade name of a drug is used, the generic name should be given first, followed by the trade name in parentheses. Trade names are capitalized, generic names are not.

Title Page

Titles are best when brief and concise. The title page should include the full name of the author(s), with degrees, academic or professional titles, complete addresses and any institutional or other affiliations. The complete name and address of the person who will handle reprint requests also should appear on this page.

Abstract

The abstract (approximately 150 words) should be a short summary, saying in brief what is said at length in the body of the article—rather than such and such "is discussed," "is presented" or "was investigated."

Tables and Figures

Tables

Each table should be typed on a separate sheet of paper, be numbered consecutively in Arabic numerals, have a brief descriptive title and have its position indicated in the text.

Illustrations (Figures)

Three sets of clear, unmounted black and white glossy prints of figures should be submitted (preferably 5 by 7 inches, but no larger than 8½ by 11 inches). For line drawings, original artwork or glossy prints are acceptable. Illustrations should be numbered consecutively in Arabic numerals and their position indicated in the text. Figure number, first author's name and top of the photo should be shown on the reverse side of each illustration. Recognizable photographs of patients are to be masked and written permission for publication obtained from the patients.

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All legends for figures should be typed together on a separate sheet of paper. Magnification and stain for photomicrographs should be indicated in parentheses.

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briefly by citation of a reference number. Otherwise, acknowledgment is made at the end of the figure legend or at the bottom of the table.

References

References should be limited to those cited in the text. They must be typed double-spaced and numbered consecutively as they appear in the manuscript. (See examples below for style.) Abbreviations of journal titles should conform to those used in *Index Medicus*.

Journal Articles

Note handling of multiple authorship. If more than three authors are listed as contributors, use "et al" to designate those names after the first three. Also note capitalization, punctuation, mention of inclusive page numbers and year of publication. Separate the subtitle from the title by either a dash or a colon. Use colon *only* if it appears in the original citation.

1. Jones JS, Anderson HW, Johnson DW, et al: The athletic heart revisited—Sudden death of a 28-year-old athlete. *JAMA* 1978; 292:444-456

2. Graybill JR, Alford RH, Smith RG, et al: Cell-mediated immunity in cryptococcosis: A brief review. *Cell Immunol* 1978; 7:76-79

Books

Note handling of "edition," "editor(s)," and "volume," as well as appropriate sequence of reference information and capitalization of chapters and titles.

3. Berne EJ, Smith TL: Role playing in therapy, chap 2, *Principles of Group Therapy*. New York, Oxford University Press, 1966, pp 35-51 (*author of chapter same as author of book*)

4. Munsung JM: The role of drugs, chap 2, *In Brest AN, Mayer JH (Eds): Hypertension—Vol 2, Therapy*, 2nd Ed. Springfield, Ill, Charles C Thomas, 1961, pp 456-479 (*author of chapter different from authors of book*)

Pamphlets, Monographs or Books With No Given Author

5. AMA Department of Drugs: *AMA Drug Evaluation*, 3rd Ed. Littleton, Mass, Publishing Sciences Group, 1977 (*corporate author*)

6. Compilation of Standard Definitions, 3rd Ed. Philadelphia, American Society for Testing and Materials, 1976 (*no given author; give name and place of publisher*)

Articles in Press or Accepted for Publication

Any article accepted for publication should include the name of the journal (appropriately abbreviated) in which it will appear, and the phrase "in press" or "accepted for publication" in place of the date of publication.

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Acknowledgments

It is the policy of the *WJM* not to print acknowledgments, the feeling being that if a person has contributed enough to a paper to be mentioned, he or she should be included among the authors, or the contribution should be mentioned in the body of the paper or in a footnote.

Correspondence

Brief manuscripts commenting on articles that have appeared in the journal, containing information of interest to physicians or discussing issues of the day will be considered for publication. Very short reports of cases, clinical experience, clinical studies, adverse effects and the like also will be considered. Items for the Correspondence section should not exceed 600 words and should have no more than five bibliographic references and one figure or table.

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Authors are responsible for all statements made in articles. Manuscripts are considered for publication with the explicit understanding that they are original, have not been published previously and are not simultaneously under consideration by any other publication.

All accepted manuscripts are subject to copy editing, and authors are sent edited galley proofs for approval. No changes will be made after the final, edited version has been approved by the author.

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If reprints are desired, they must be paid for by the author. A reprint order form with schedule of prices is sent to the author when the article is published. Authors are responsible for handling requests for reprints of their articles.

ZORprin (aspirin) ZERO-ORDER RELEASE

Before prescribing see complete prescribing information. The following is a brief summary. **INDICATIONS AND USE:** ZORprin® is indicated for the treatment of rheumatoid arthritis and osteoarthritis. The safety and efficacy of ZORprin® have not been established in those rheumatoid arthritis patients who are designated by the American Rheumatism Association as Functional Class IV, incapacitated, largely or wholly bedridden, or confined to wheelchair, little or no self-care. **CONTRAINDICATIONS:** ZORprin® should not be used in patients known to be hypersensitive to salicylates or in individuals with the syndrome of nasal polyps, angioedema, bronchospastic reactivity to aspirin, renal or hepatic insufficiency, hypoprothrombinemia or other bleeding disorders. ZORprin® is not recommended for children under 12 years of age; it is contraindicated in all children with fever accompanied by dehydration. **WARNINGS:** ZORprin® should be used with caution when anticoagulants are prescribed concurrently, since aspirin may depress the concentration of prothrombin in plasma and increase bleeding time. Large doses of salicylates may have hypoglycemic action and enhance the effect of the oral hypoglycemics, concomitant use therefore is not recommended. However, if such use is necessary, dosage of the hypoglycemic agent must be reduced. The hypoglycemic action of the salicylates may also necessitate adjustment of the insulin requirements of diabetics. While salicylates in large doses have a uricosuric effect, smaller amounts may reduce the uricosuric effect of uricosuric agents. **USE IN PREGNANCY:** Aspirin can cause fetal harm when administered to pregnant women. Aspirin interferes with maternal and infant blood clotting and may lengthen the duration of pregnancy and parturition. Aspirin has produced teratogenic effects and increases the incidence of stillbirths and neonatal deaths in animals. If this drug is used during pregnancy, or if the patient becomes pregnant while taking this drug, the patient should be apprised of the potential hazard to the fetus. Aspirin should not be taken during the last 3 months of pregnancy. **PRECAUTIONS:** Appropriate precautions should be taken in prescribing ZORprin® for patients who are known to be sensitive to aspirin or salicylates. Particular care should be used when prescribing this medication for patients with erosive gastritis, peptic ulcer, mild diabetes or gout. As with all salicylate drugs, caution should be exercised in prescribing ZORprin® for those patients with bleeding tendencies or those on anticoagulant drugs. Large doses of salicylates should be avoided in patients with clear evidence of carditis. In order to avoid exacerbation of disease or adrenal insufficiency, patients who have been on prolonged corticosteroid therapy should have their therapy tapered slowly rather than discontinued abruptly when ZORprin® (aspirin) is made a part of the treatment program. Patients receiving large doses of aspirin and/or prolonged therapy may develop mild salicylate intoxication (salicylism) that may be reversed by reduction in dosage. Salicylates can produce changes in thyroid function tests. Salicylates should be used with caution in patients with severe hepatic damage, preexisting hypoprothrombinemia, Vitamin K deficiency and in those undergoing surgery. Since aspirin release from ZORprin® is pH dependent, it may change in those conditions where the gastric pH has been increased via antacids, gastric secretion inhibitors or surgical procedures. **ADVERSE REACTIONS: Hematologic:** Aspirin interferes with blood clotting. Patients with a history of blood coagulation defects or receiving anti-coagulant drugs or with severe anemia should avoid ZORprin®. Aspirin used chronically may cause a persistent iron deficiency anemia. **Gastrointestinal:** Aspirin may potentiate peptic ulcer, and cause stomach distress or heartburn. Aspirin can cause an increase in occult bleeding and in some patients massive gastrointestinal bleeding. However, the greatest release of active drug from ZORprin® is designed to occur in the small intestine over a period of time. This has resulted in less symptomatic gastrointestinal side effects. **Allergic:** Allergic and anaphylactic reactions have been noted when hypersensitive individuals have taken aspirin. The most common allergic reaction to aspirin is the induction of bronchospasm with asthma-like symptoms. Other reactions are hives, rash, angioedema, as well as rhinitis and nasal polyps. Fatal anaphylactic shock, while not common, has been reported. **Central Nervous System:** Taken in overdoses, aspirin provides stimulation which may be manifested by tinnitus. Following initial stimulation, depression of the central nervous system may be noted. **Renal:** Aspirin may rarely cause an increase in the severity of chronic kidney disease. **Hepatic:** High doses of aspirin have been reported to produce reversible hepatic dysfunction. **OVERDOSAGE:** Overdosage, if it occurs, would produce the usual symptoms of salicylism, tinnitus, vertigo, headache, confusion, drowsiness, sweating, hyperventilation, vomiting or diarrhea. Treatment for mild intoxication, emptying the stomach with an emetic, or gastric lavage with 5% sodium bicarbonate. Individuals suffering from severe intoxication should, in addition, have forced diuresis by intravenous infusions of saline and sodium bicarbonate or sodium lactate, dextrose solution. In extreme cases, hemodialysis or peritoneal dialysis may be required. **HOW SUPPLIED:** ZORprin® tablets 800 mg; plain, white capsule-shaped tablets. Bottles of 100 tablets. **CAUTION:** Federal Law prohibits dispensing without prescription. Manufactured and distributed by: Boots Pharmaceuticals, Inc. Shreveport, LA, 71106 USA.

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Books Received

Books received by THE WESTERN JOURNAL OF MEDICINE are acknowledge in this column. Selections will be made for more extensive review in the interest of readers as space permits.

AMA HANDBOOK OF POISONOUS AND INJURIOUS PLANTS—Dr Kenneth F. Lampe and Mary Ann McCann, Division of Drugs and Technology, American Medical Association, 1985. 431 pages, with 437 illustrations in color, available from Chicago Review Press, 213 West Institute Place, Chicago, IL 60610, for \$18.50, plus \$2.50 UPS delivery and handling, and available at bookstores.

BIOCHEMISTRY AND THE CENTRAL NERVOUS SYSTEM—5th Edition—Henry McLlwin, PhD, DSc, Emeritus Professor, University of London, and Visiting Professor, Department of Biochemistry, St Thomas's Hospital Medical School, and Herman S. Bachelard, PhD, DSc, F Biol, Professor of Biochemistry, St Thomas's Hospital Medical School, University of London, and Honorary Consultant, St Thomas's Hospital, London. Churchill Livingstone Inc, 1560 Broadway, New York, NY 10036, 1985. 609 pages, \$69.

THE CIGARETTE UNDERWORLD—Edited by Alan Blum, MD, Editor, *New York State Journal of Medicine*. Lyle Stuart Inc, 120 Enterprise Avenue, Secaucus, NJ 07094, 1985. 128 pages, \$9.95.

CLINICAL PHARMACOLOGY OF DRUG DEPENDENCE—Pier Francesco Mannaioni, Professor of Toxicology, University of Florence, Florence, Italy. Ishiyaku EuroAmerica, Inc, 11559 Rock Island Court, St Louis, MO 63043, 1985. 272 pages, \$23.50 (paperback).

COMPUTED TOMOGRAPHY OF THE PELVIS—Volume 6 in *Contemporary Issues in Computed Tomography*—Edited by James W. Walsh, MD, Associate Professor of Radiology, Virginia Commonwealth University; Director, Diagnostic Oncologic Radiology, and Co-Director, Body Imaging Section, Department of Radiology, Medical College of Virginia Hospitals, Richmond. Churchill Livingstone Inc, 1560 Broadway, New York, NY 10036, 1985. 262 pages, \$39.

CONSENSUS AND PENALTIES FOR IGNORANCE IN THE MEDICAL SCIENCES—IMPLICATIONS FOR INFORMATION TRANSFER—Edited by J. Michael Brittain, Department of Library and Information Studies, Loughborough University of Technology, United Kingdom. Taylor Graham, 500 Chesham House, 150 Regent St, London W1R 5FA, 1985. 188 pages, \$22 (paperback).

CORRELATIVE NEUROANATOMY AND FUNCTIONAL NEUROLOGY—19th Edition—Joseph G. Chusid, MD, Professor of Neurology Emeritus, New York Medical College; Director of Department of Neurology Emeritus, St Vincent's Hospital and Medical Center, New York. Lange Medical Publications, Drawer L, Los Altos, CA 94023, 1985. 512 pages, \$19.50 (softbound).

CURRENT EMERGENCY DIAGNOSIS AND TREATMENT—2nd Edition—Edited by John Mills, MD, Associate Professor of Medicine, Microbiology and Clinical Pharmacy, University of California, San Francisco, and Chief of Infectious Disease Unit, San Francisco General Hospital; Mary T. Ho, MD, Acting Assistant Professor of Medicine, Emergency Medicine Service, University Hospital, University of Washington, Seattle; Patricia R. Salber, MD, Clinical Instructor of Medicine, University of California, San Francisco, and Staff Physician, Emergency Department, Kaiser Permanente Medical Group, San Francisco; Donald D. Trunk, MD, Professor of Surgery, University of California, San Francisco, and Chief of Surgery, San Francisco General Hospital, with associate authors. Lange Medical Publications, Drawer L, Los Altos, CA 94023, 1985. 864 pages, \$28.

CURRENT EMERGENCY THERAPY '85—Edited by Richard F. Edlich, MD, PhD, Distinguished Professor, Plastic Surgery and Biomedical Engineering, and Director, University of Virginia Burn Center, University of Virginia School of Medicine, Charlottesville; Daniel A. Spyker, PhD, MD, Assistant Professor of Internal Medicine, and Co-Director, Blue Ridge Poison Center, University of Virginia School of Medicine, with Beth B. Haury, Editor, *Emergency Medicine*, University of Virginia School of Medicine. Aspen Systems Corporation, 1600 Research Blvd, Rockville, MD 20850, 1985. 1,098 pages, \$85.

EARLY PARENTHOOD—HEAVEN OR HELL—Beverley Chalmers, PhD, School of Psychology, University of the Witwatersrand, Johannesburg; illustrated by Roger Titley. Juta & Co, Ltd, PO Box 123, Kenwyn 7790 South Africa, 1984. 244 pages (softbound), price not given.

ENDOCRINE TUMOURS—The Pathobiology of Regulatory Peptide-Producing Tumours—Julia M. Polak, DSc, MD, MRCP, Reader in Histochemistry, Royal Postgraduate Medical School, and Consultant Histopathologist, Hammersmith Hospital, and Stephen R. Bloom, MA, MD, DSc, FRCP, Professor of Endocrinology, Royal Postgraduate Medical School, Hammersmith Hospital, London. Churchill Livingstone Inc, 1560 Broadway, New York, NY 10036, 1985. 280 pages, \$59.

GENETICS AND NEUROLOGY—Sarah Bunday, MB, FRCP, Clinical Assistant and Lecturer in Clinical Genetics, Infant Development Unit, Queen Elizabeth Medical Centre, Birmingham, UK, and E. M. Brett, DM, FRCP, Consultant Neurologist, The Hospital for Sick Children, London. Churchill Livingstone Inc, 1560 Broadway, New York, NY 10036, 1985. 331 pages, \$50.

HISTOCHEMISTRY—THEORETICAL AND APPLIED—Vol 2—*Analytical Technology*—4th Edition—A. G. Everson Pearce, MA(Cambridge), MD, FRCP, FRCP, Emeritus Professor of Histochemistry, University of London (Royal Postgraduate Medical School), and Consultant Pathologist, Hammersmith Hospital, London. Churchill Livingstone Inc, 1560 Broadway, New York, NY 10036, 1985. 1,033 pages, \$125.

INFERTILITY: A PRACTICAL GUIDE FOR THE PHYSICIAN—2nd Edition—Edited by Mary G. Hammond, MD, Assistant Professor and Director, Division of Reproductive Endocrinology and Fertility, and Luther M. Talbert, MD, Professor, Department of Obstetrics and Gynecology, University of North Carolina School of Medicine, Chapel Hill. Medical Economics Books, Box C-779, Pratt Station, Brooklyn, NY 11205, 1985. 196 pages, \$17.50* plus \$2 for handling. *Prices are subject to change without notice.

MANAGEMENT OF HIGH-RISK PREGNANCY—2nd Edition—Edited by John T. Queenan, MD, Professor and Chairman, Department of Obstetrics and Gynecology, Georgetown University School of Medicine, and Obstetrician-Gynecologist-in-Chief, Georgetown University Hospital, Washington, DC; Editor-in-Chief, *Contemporary Ob/Gyn*. Medical Economics Books, 680 Kinderkamack Rd, Oradell, NJ 07649, 1985. 701 pages, \$49.95.

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This image shows a full page of handwriting practice paper. It features multiple sets of horizontal dashed lines spaced evenly down the page, providing a guide for letter height and placement. The background is white, and there are no other markings or text present.

Signature

WESTERN STATE MEDICAL ASSOCIATIONS' MEETINGS

Alaska State Medical Association—4107 Laurel St., Anchorage 99504. (907) 562-2662. Annual Meeting: June 4-7, 1986, Mt McKinley Chalet, DeNali Park.

Arizona Medical Association, Inc.—810 W. Bethany Home Rd., Phoenix 85013. (602) 246-8901. Annual Meeting: June 5-7, 1986, Loews Ventana Canyon Resort, Tucson.

California Medical Association—44 Gough St., San Francisco 94103. (415) 863-5522. Annual Meeting: February 28-March 5, 1986, Bonaventure Hotel, Los Angeles.

Colorado Medical Society—PO Box 17550, Denver 80217-0550. (303) 779-5455. Annual Meeting: 1986: date and place to be announced.

Hawaii Medical Association—320 Ward Ave., Suite 200, Honolulu 96814. (808) 536-7702. Annual Meeting: October 12-14, 1985, Kona Surf Hotel, Kona.

Idaho Medical Association—305 W. Jefferson, PO Box 2668, Boise 83701. (208) 344-7888. Annual Meeting: 1986: date and place to be announced.

Montana Medical Association—2012 11th Ave., Suite 12, Helena 59601. (406) 443-4000. Annual Meeting: October 3-5, 1985, Outlaw Inn, Kalispell.

Nevada State Medical Association—3660 Baker Lane, Reno 89502. (702) 825-6788. Annual Meeting: May 2-4, 1986, Winnemucca.

New Mexico Medical Society—303 San Mateo NE, Suite 204, Albuquerque 87108. (505) 266-7868. Interim Meeting: November 15-16, 1985, Holiday Inn de Las Cruces, Las Cruces. Centennial Meeting: April 30-May 2, 1986, Clarion Four Seasons, Albuquerque.

Oregon Medical Association—5210 S.W. Corbett Ave., Portland 97201. (503) 226-1555. Annual Meeting: (House of Delegates only): April 25-27, 1986, Valley River Inn, Eugene.

Utah State Medical Association—540 East Fifth South, Salt Lake City 84102. (801) 355-7477. Annual Meeting: 1986: date and place to be announced.

Washington State Medical Association—900 United Airlines Bldg., 2033 6th Ave., Seattle 98121. (206) 623-4801. Annual Meeting: 1986: date and place to be announced.

Wyoming Medical Society—P.O. Drawer 4009, Cheyenne 82003-4009. (307) 635-2424. Annual Meeting: June 25-29, 1986, Jackson Lake Lodge, Moran.

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